

# NASA Technical Memorandum 4343

## The 1988 Solar Maximum Mission Event List

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## INTRODUCTION

This document is an interexperiment compilation of solar burst activity observed by the Solar Maximum Mission (SMM) during the calendar year 1988. Data from the following instruments are included:

1. Gamma-Ray Spectrometer (GRS)
2. Hard X-Ray Burst Spectrometer (HXRBS)
3. Flat Crystal Spectrometer (XRP-FCS)
4. Bent Crystal Spectrometer (XRP-BCS)
5. Ultraviolet Spectrometer and Polarimeter (UVSP)
6. Coronagraph/Polarimeter (C/P)

Also included are X-ray, radio, and optical data from the National Oceanic and Atmospheric Administration/U.S. Air Force solar observing network.

Several mission milestones affected data gathering. The following table documents those milestones:

- |   |  |
|---|--|
| 1. February 14, 1980                          | - SMM launch.  |
| 2. March 3, 1980                              | - Light bulb on FCS crystal drive mechanism fails inhibiting crystal runs during 1980.   |
| 3. June 1980                                  | - One HXIS microprocessor fails  |
| 4. September 23, 1980                         | - Final C/P image due to failure of the C/P Main Electronics Box.  |
| 5. November 23, 1980                          | - End of pointed observations due to Attitude Control System fuse failures.  |
| 6. June 1981                                  | - HXIS fails.  |
| 7. November 1983 -<br>April 1984              | - Severely limited tape recorder usage due to conservation efforts prior to repair.  |
| 8. April 1984                                 | - Repair mission restores fine pointing control and replaces C/P Main Electronics Box. Observations were not full-time until May due to spacecraft checkout. |
| 9. April 26, 1985                             | - UVSP loses commandability of wavelength drive. Remains in UV continuum near 1385A (second order) after this date.  |
| 10. January 08-24, 1986                       | - On board computer memory failure.  |
| 11. January 28-30, 1986<br>and February 12-28 | - Comet Halley observations.   |
| 12. December 7, 1986                          | - C/P Tape recorder C fails.   |
| 13. April 1, 1987                             | - C/P resumes operations at reduced rate using tape recorder A.  |

The SMM instruments had a wide range of spectral and temporal capabilities. Consequently, observed burst structure, timing, and evolution for a single event could differ greatly between the instruments, creating some

ambiguities in correlating events. Additional ambiguities occurred when full disk instruments observed superposed bursts and limited field of view instruments observed only one source region.

Bursts observed by HXRBS formed the basis for this list. The instrument viewed the whole sun and high sensitivity data were taken continuously except during orbital night and South Atlantic Anomaly (SAA) passages. The HXRBS events were correlated with GOES X-ray, radio and optical data primarily by time coincidence, but also by burst magnitudes, profiles, and durations. Bursts observed by GRS were then incorporated. Flares in which the impulsive phase was not observed due to night or SAA were supplied by the additional BCS and FCS detected events. Other low temperature events without high energy signatures, such as those related to filament disruptions, were also added (GOES X-ray, radio, and optical data were included for the new events). C/P coronal mass ejections were incorporated, but with few correlations with other SMM events. When ground-based H-alpha observers reported the likely source, this information was included. The UVSP experiment file was scanned, and information on experiment modes, wavelength, etc. was added. Finally, the SMM computer pointing log was surveyed to provide the spacecraft location at the time of each event.

Every event observed during the mission has been assigned a unique event number, ranging between 1 and 12776 for events observed by HXRBS, and between 20001 and 23444 for events not observed by HXRBS. In this listing all information for each event is displayed in a multi-line block, one line per instrument. The first line gives the 'event time' (GOES peak time if available), the day of year (DOY) of the event, and the SMM pointing latitude, longitude, pitch, yaw, roll, and heliocentric angle. Lines for Optical, GOES, HXRBS, GRS, XRP-BCS, XRP-FCS, UVSP, C/P, Radio (Sweep Frequency), and Radio (Discrete Frequency) data follow if the information is available. In addition, on a particular line, entries are printed only if the item of information is available. Some events that were catalogued as separate events may actually be part of another event. In these cases, the 'associated event' information is listed immediately after the 'primary event,' separated by a dashed line.

Each instrument team has compiled individual event listings, most of which include more data than recorded here. Requests for those listings should be addressed to the appropriate Principal Investigator. Requests for access to the computer file from which this listing was derived should be made to the SMM Project Scientist. Software for manipulation of this file resides on the SMM Data Analysis Center VAX computer.

Many individuals on each instrument team were involved in the generation of the data used in this document. Without their efforts this compilation would not have been possible. The descriptive text for each instrument was provided by the individual instrument team.

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## Gamma-Ray Spectrometer (GRS)

The Gamma-Ray Spectrometer was a wide field of view X-ray, gamma-ray, and neutron spectrometer which recorded energetic photons with energies from 10 keV to greater than 100 MeV and neutrons with energies greater than 50 MeV. High resolution energy spectra were recorded between 300 keV - 9 MeV with 16.384 s temporal resolution. Higher time resolution (64 ms, 1.024 s, and 2.048 s) is available in some energy windows. Further instrumental details can be found in Forrest et al. (Solar Physics 1980, 65, 15).

The following list of events includes only those solar flares identified by an increase in the observed counting rate between 300 - 400 keV. The identification procedure uses a combination of visual and computer based search techniques. The visual technique employs manual inspection of the counting rates in the main spectrometer channels 10 through 30 which corresponds to an energy loss interval of 298 - 445 keV. The computer technique uses a comparison of a predicted rate based on a running average with the observed rate to search for events with a large rate of change of count rate. Both techniques are most efficient for impulsive events.

The search techniques also identify a number of non-solar transients. Those transients include cosmic gamma-ray bursts, particle precipitation events, and transients generated by orbiting nuclear reactors. The procedure for identification of reactor induced transients and particle precipitation events is described in Rieger et al. (Nature, 244, 441). Cosmic gamma-ray bursts are identified by the absence of associated GOES events, their positions (when available from the interplanetary network), short durations, and hard spectra.

### Description of GRS entries:

1. Start time - expressed as hour:minute:second. All GRS times are based on 16.384 s Major Frame Pairs (MFP) required for a spectral accumulation between 0.3 and 9 MeV. Start time is the beginning time of the series of MFP which contains significant counts  $\geq 300$  keV. Therefore, the times and durations may disagree with other observations by up to 16.384 s.
2. End time - in 300 keV flux, expressed in hour:minute:second.
3. Max.E.MeV - the high-energy end of the channel band used for a power law spectral fit in MeV. The low-energy end of this band is always 300 keV. The high-energy end is determined by a statistical check of the data in 10 channel increments starting from the minimum required band channel 10 to 30. There may be gamma-ray emission above Max.E.
4. >10MeV - 'Y' indicates presence of excess counts in the High Energy Monitor which requires energy losses >10 MeV.

5. Neutrons - 'Y' flags events for which there is strong evidence that GRS has recorded delayed counts from a flux of solar neutrons giving energy loss  $>10$  MeV.
6. Dur - Duration of event in seconds (see warning note in description of start time above.

Additional information is available in the GRS Flare and Cosmic Burst data sets maintained at the the University of New Hampshire. Contact the Principal Investigator for access to these data.

## Hard X-Ray Burst Spectrometer (HXRBS)

The Hard X-Ray Burst Spectrometer [L.E. Orwig, K.J. Frost, B.R. Dennis. Solar Physics 1980, 65, 25] was an actively-shielded CsI(Na) scintillation crystal with a sensitive area of  $71 \text{ cm}^2$  and a circular field of view with a 40 degree FWHM. Thus, the whole sun was observed with no spatial information.

The basic scientific data from HXRBS consist of the counting rate recorded every 128 ms in each of 15 pulse-height channels. In-orbit calibration data showed that these channels covered the energy-loss range from 25 to 440 keV immediately after launch and then drifted slowly to higher energies since that time.

In addition to the 128 ms spectral data, an on-board circulating 32K-word memory stored count-rate data for the bigger flares with finer time resolution. The number of counts with a pulse-height between the bottom edge of channel 1 and the top edge of channel 15 was recorded in fine time intervals of 10, 5, or 1 ms as indicated by the flags "M", "M5" or "M1" respectively. The absolute time of all counting rate data is known to an accuracy of a few milliseconds, except where noted in the listing, thus allowing detailed comparisons to be made with other coincident observations.

Most of the events in this listing were discovered in the HXRBS data within a day after the observation. An average of about 90% of the SMM data was received at the Experimenters' Operations Facility at Goddard Space Flight Center a few hours after data transmission to the various ground stations. The 24-hour data base was scanned each day for flares by plotting the counting rate in channel 2 as a function of time with 16 s time resolution. A flare which produced a 10% increase in counting rate lasting for a few seconds could be reliably detected above the  $12 \text{ counts s}^{-1}$  background rate typically measured in channel 2. This corresponds to a detection threshold level of approximately  $10^{-3} \text{ photons cm}^{-2} \text{ s}^{-1} \text{ keV}^{-1}$  at 30 keV. Once an event had been discovered in this way, a standard plot of counting rate versus time was made with the counts in all 15 channels added together. Generally, a time resolution of 1.024 s was used for this plot with a time scale of 1 or 2 minutes per inch depending on the duration of the event. (Photographic copies of these particular plots are produced on microfiche and are available from the National Space Science Data Center, Code 601, NASA/GSFC, Greenbelt, MD 20771.)

Each legitimate event was given a number, referred to as the HXRBS event number, that uniquely identifies the burst. The event numbers generally follow a chronological sequence, as most events were identified within 24 hours of their occurrence. A few bursts, however, were only discovered several months later upon scanning through the complete data set provided on magnetic tape by

the Information Processing Division (IPD) at GSFC. These IPD flares are flagged in the listing with the letter "I," and their event numbers are generally out of chronological sequence.

The event number, the start time, the peak time and the duration are given for every event in the listing. These times are generally accurate to approximately 5 s. The peak counting rate summed over all 15 channels is also listed. This rate was obtained from a rate versus time plot with a time resolution of 1.024 s. It is the total rate including the pre-flare background rate of about 40 counts  $s^{-1}$  as indicated in Figure 1. For the larger flares, i.e. those with peak rates exceeding 100 counts  $s^{-1}$  and/or durations of greater than 200 s, the total number of counts recorded during the flare in excess of the pre-flare background is also listed. This gives an indication of the overall size of the burst.

A comprehensive listing of all events detected with HXRBS from launch to December 1987 is provided in "The Hard X-ray Burst Spectrometer Event Listing 1980 - 1987" [B.R. Dennis et al., NASA Technical Memorandum 4036], and a complete event listing covering the entire mission will be published as a NASA Technical Memorandum in Fall 1991.

#### Description of HXRBS entries:

1. Start time - expressed as hour:minute:second.  
Peak time - expressed as hour:minute:second.  
End time - expressed as hour:minute:second.
2. Peak...c/s - peak rate in counts per second. This is the total rate in the full energy range covered by the instrument (channels 1-15) and does not have the pre-flare background rate subtracted (see Figure 1).
3. Qual - Quality code as defined below:
  - 1- Entire event observed
  - 2 - Start of event not observed
  - 3 - End of event not observed
  - 4 - Start and end of event not observed
  - 11 - Entire event observed, but data missing due to night, SAA or other causes.
  - 12 - Start of event not observed and data missing during event
  - 13 - End of event not observed and data missing during event
  - 14 - Start and end of event not observed and data missing during event
4. Tot Cts - Total Counts, represents the integrated number of counts detected with HXRBS during the flare in excess of the pre-flare rate (see Figure 1).
5. MaxkeV - the high energy edge in keV of the highest channel showing any increase in rate during the flare.

6. FLAGS - the definitions of the letters in this column are as follows:
- M Memory data available with 10 ms time resolution.
  - M1 Memory data available with 1 ms time resolution.
  - M5 Memory data available with 5 ms time resolution.
  - I Event discovered well after the event time, in data provided by the Information Processing Division.
  - SN Event started in spacecraft night.
  - EN Event ended in spacecraft night.
  - IN Event interrupted by spacecraft night.
  - SA Event started when SMM was in the South Atlantic Anomaly (SAA).
  - ES Event ended when SMM was in the SAA.
  - IS Event interrupted by the SAA.
  - SG Event started in a data gap.
  - EG Event ended in a data gap.
  - DG Data gaps during event.
  - AX Event is probably the result of passage through trapped charged particles.
  - ND Noisy data.
  - NS Possible non-solar event.
  - FS Event contains one or more fast spikes with durations of less than one second.
  - EW Experiment status file contains wrong on-time information.
  - GB Event is a Gamma-Ray Burst.
  - + Insufficient space to print all existing flags.

NOTE: The presence of an asterisk following the HXRBS header line indicates the following conditions for the following events:

EVENT #	COMMENT
8732	Gain change. Energy range 20.6 to 317 keV.
8821-8830	Gain change. Energy range 20.7 to 319 keV.
8832-8910	Gain change. Energy range 20.7 to 319 keV.
8923	Gain change. Energy range 20.7 to 319 keV.
8925-8926	Gain change. Energy range 20.7 to 319 keV.
8999-9001	Gain change. Energy range 20.8 to 320 keV.
9005-9006	Gain change. Energy range 20.8 to 320 keV.
9008-9009	Gain change. Energy range 20.8 to 320 keV.
9011-9013	Gain change. Energy range 20.8 to 320 keV.
9016-9018	Gain change. Energy range 20.8 to 320 keV.
9021-9024	Gain change. Energy range 20.8 to 320 keV.
9247	Gain change. Energy range 20.8 to 320 keV.



9260	Gain change.	Energy range 20.9 to 321 keV.
9272-9273	Gain change.	Energy range 20.9 to 321 keV.
9280-9282	Gain change.	Energy range 20.9 to 321 keV.
9294-9297	Gain change.	Energy range 20.9 to 321 keV.
9308	Gain change.	Energy range 20.9 to 321 keV.
9321	Gain change.	Energy range 20.9 to 321 keV.
9317-9352	Time on flare	optical disk is high by 1.024s.
9341-9342	Gain change.	Energy range 20.9 to 321 keV.
9344	Gain change.	Energy range 20.9 to 321 keV.
9348-9349	Gain change.	Energy range 20.9 to 321 keV.
9357-9358	Time on flare	optical disk is high by 1.024s.
9358	Gain change.	Energy range 20.9 to 322 keV.
9360	Time on flare	optical disk is high by 1.024s.

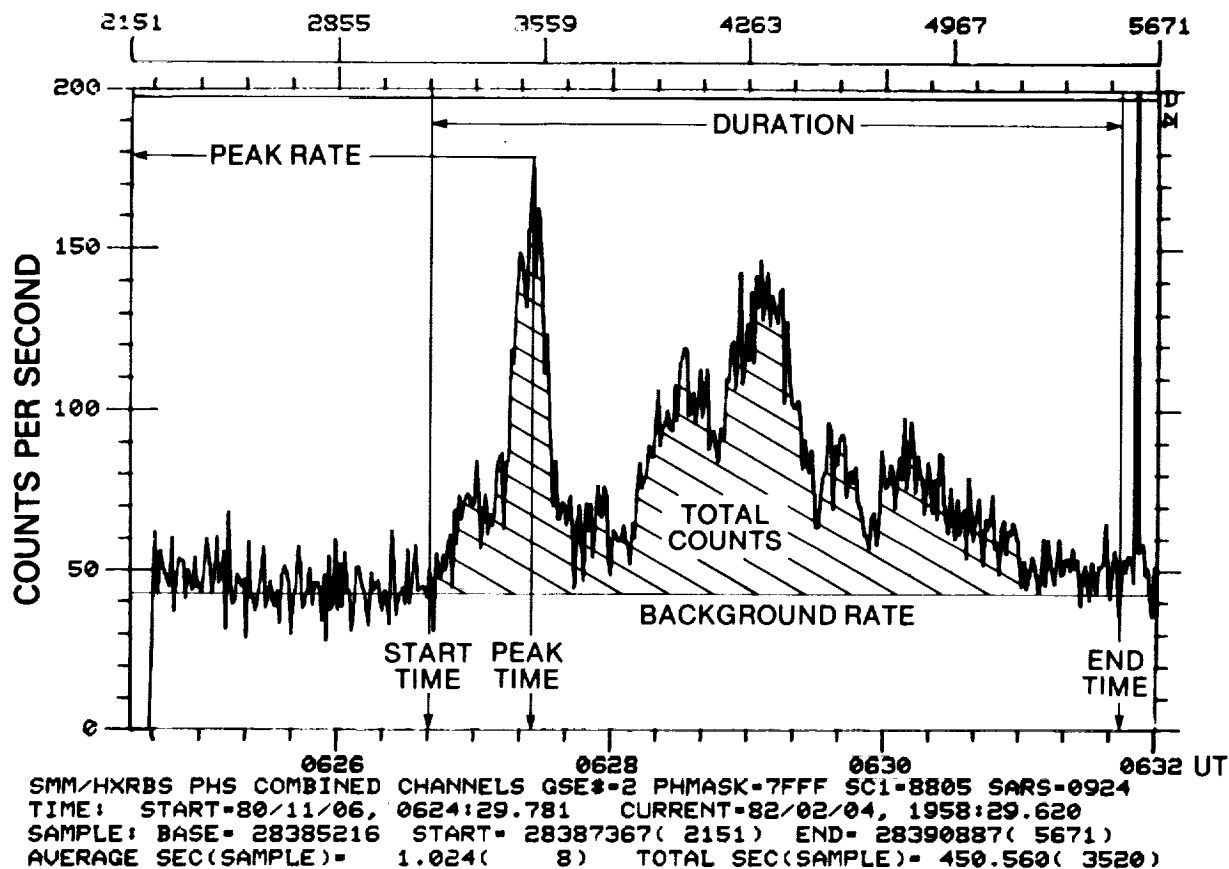


FIGURE 1: A standard plot of a hard X-ray burst (HXRBS event #1544) showing the rate of counts in channels 1 through 15 versus Universal Time. The time resolution is 1.024 s, the time scale is 1 inch per minute, and the counting rate is corrected for instrument dead time. The start time, peak time, end time, duration, peak rate, and total number of counts are indicated as they are determined for inclusion in the event listing.

## X-Ray Polychromator (XRP)

The primary objective of the X-Ray Polychromator [Acton et al., *Solar Physics* 1980, 65, 53] was to study the physical conditions in the corona for a variety of solar phenomena. This was achieved through the use of two complementary instruments: the Bent Crystal Spectrometer (BCS), which continuously monitored the spatially integrated high temperature flux from flares, and the Flat Crystal Spectrometer (FCS), which could image an area of up to 7 arcminutes square in six bright spectral lines simultaneously, or make rapid scans over a wide wavelength range or at high resolution across individual line complexes. XRP gathered data during the peak of solar cycle 21 (February to November 1980), during its decline (following the in-orbit repair of SMM in April 1984), and through the rise phase of cycle 22, until November 1989, when spacecraft fine-pointing was lost prior to reentry.

The XRP experiment was conceived to observe the spectral region between 1.4 and 22.4 Å. In the temperature regime of solar active regions and flares (2 - 50 million K), this region exhibits a rich emission-line spectrum. The experiment was especially prepared to take advantage of the plasma diagnostic opportunity offered by the spectra of helium-like ions and their satellites [Gabriel and Jordan, in McDaniel and McDowell (eds.), *Case Studies in Atomic Collisions* 1972, (Amsterdam:North-Holland), 2, 209]; [Dubau and Volonte, *Rep. Prog. Phys.* 1980, 43, 199].

The BCS had eight bent Bragg crystal spectrometers with position-sensitive detectors covering important X-ray lines of highly-ionized calcium and iron. It was collimated to 6 arcminutes FWHM and was capable of changing its time resolution from 11 s to less than 0.5 s by using dynamic memory and sacrificing spectral coverage or resolution. The BCS was sensitive to the high-temperature ( $T > 10$  million K) component of the flare plasma; the data are used to determine electron temperature, emission measure, dynamics, and elemental abundances of the plasma, and to look for nonequilibrium effects. For large events, the measured BCS count rates must be corrected for a dead time of about 40 microseconds, part of which depends on the position of photons along the anode. At sufficiently high count rates, (e.g., from GOES mid-X class flares), spectral distortion resulted. At lower rates, there was a simple suppression of the count rate. The suppression was a 10% effect at about 2550 counts  $s^{-1}$  (corresponding to about a GOES class M4 flare). The maximum observable count rate in BCS Channel 1 was 8760 counts  $s^{-1}$ , corresponding to an incident rate of 23800 counts  $s^{-1}$ .

The FCS had seven Bragg crystal spectrometers that could be scanned in wavelength over a broad spectral range. At the "home position" of the wavelength drive, each of seven channels could monitor the emission from a prominent soft X-ray line. An additional channel produced a coarse-resolution solar white light image which could be used for coregistration. The FCS was

sensitive to a wide range of temperature ( $2 \text{ million K} < T < 70 \text{ million K}$ ) and hence could detect everything from quiescent active regions to flares. By scanning its wavelength drive, the FCS could access an even wider range of soft X-ray lines and measure Doppler broadenings and shifts. However, electrical and mechanical problems with the FCS wavelength drive limited its ability to take spectra. (In 1980 only four FCS experiments involving wavelength scans were run; about 400 were run throughout the mission.) The FCS isolated specific areas in the corona for study by using its narrow 14 arcsecond collimation. Images could be built up by a series of raster scans across the region of interest, with alternate lines in opposite directions.

Over the life of the mission, several of the BCS and FCS detectors became nonfunctional. BCS detectors 2 and 8 (high resolution Fe K-alpha and Fe XXVI Lyman-alpha) failed during 1980; BCS detectors 1, 3, 4, 5, 6, and 7 operated throughout the mission, with slow gain changes over time requiring occasional gain step adjustments. FCS detector 6, with its Ca XIX resonance peak offset from home position, failed in 1980; FCS detector 2 (Ne IX at home position) failed in February 1985. After June 1987, FCS detectors 1, 3, and 4 (O VIII, Mg XI, and Si XIII at home position), the remaining low-energy detectors, were used only in campaign mode, to conserve the remaining gas supply for these thin-window flow counters as far as possible into cycle 22. By August 1988, the FCS wavelength drive had lost scanning capability, although it could still be repositioned to the peaks of bright emission lines for imaging. In April 1989, the flow-detector gas supply for detectors 1 and 3 was exhausted, and the FCS became a flare imaging instrument only. The detector histories and observing sequences, including the default and special observing modes, are detailed in the XRP Users' Guide and its accompanying appendices. A separate catalogue of the FCS spectroscopic experiments run is also available.

The XRP Event Listing catalogues soft X-ray flares detected by the BCS instrument. For each event, the Start Time, Peak Time, and End Time in BCS Channel 1 (the Ca XIX channel) are given. The Start Time occurred when the BCS Ca XIX count rate rose above the background level up to  $18 \text{ counts s}^{-1}$  and the End Time occurred when the event decayed back to that threshold. (Near threshold or for multiple events, these times are necessarily somewhat arbitrary, and depend on the exact integration time used.) However, some event times were determined by orbital sunrise or sunset, where the flare started before satellite day or was prematurely ended by satellite night. If an event reached its peak during orbital night, or during SAA passage when the XRP detectors did not operate, the maximum level observed during satellite day and the time of that maximum are listed. The peak rate includes all counts recorded in the channel, uncorrected for background or dead time. The peak times and peak rates in the low-resolution Fe XXV channel (BCS Channel 4) are also given,

even if these are not above background level. (A valid Ca XIX event may not have a corresponding valid event in the hotter Fe XXV channel.)

The FCS entries in the XRP Event Listing should be used with care. An event observed by the BCS was not necessarily observed by the FCS, even if the FCS was operating. The FCS could have been pointed away from the flare site at the time of the event, in a "sit and stare" mode (in which the raster drive was at rest), or in a spatial raster which did not include the flare site or did not sample the flare site at the time of the flare. The quoted FCS peak time is often the starting time of the most recent FCS raster map; this is given only if the raster duration included a BCS peak time, but no check was made on whether the flare site was included in the raster. If the FCS was in a "sit and stare" mode, the location was typically either the brightest pixel of a previous FCS raster map, or the FCS boresight, neither of which was necessarily the flare site. Thus, the quoted peak intensity may not be associated with the flare itself; it could simply be the maximum intensity in a raster map, a peak in "sit and stare" lightcurve data taken at a location possibly other than the flare site, or a peak in spectral data associated with scanning a bright emission line.

NOTE: The count rates and times in the XRP Event Listing should not be used directly for analysis, but rather as a guide for selecting data for a given study. Any analysis program should refer to the original data. Particular care should be used in dealing with Event Listing entries with rates near the 18 counts  $s^{-1}$  threshold. Furthermore, derivation of physical parameters from BCS spectra for events with less than about 50 counts  $s^{-1}$  may be difficult.

#### Description of XRP-BCS Entries:

1. Start Time - in BCS Ca XIX channel, expressed as hour:minute:second.
2. Peak Time - in BCS Ca XIX channel, expressed as hour:minute:second.
3. End Time - in BCS Ca XIX channel, expressed as hour:minute:second.
4. Ca Peak..c/s - peak BCS Ca XIX channel count rate in counts  $s^{-1}$ .
5. QUAL - quality code from 1 to 8, indicating completeness of the observation:
  - 1 - entire event observed
  - 2 - only start of event observed
  - 3 - start and peak of event observed
  - 4 - peak and decay of event observed
  - 5 - only decay of event observed
  - 6 - no data, or bad data
  - 7 - only rise and decay observed (e.g., peak lost due to SAA)
  - 8 - only peak observed (including 20% rise and 20% decay)
6. FePeak - time of maximum count rate in Channel 4 (Fe XXV low resolution channel), not necessarily above the background level.

7. Fe Peak..c/s - peak BCS channel 4 (Fe XXV) count rate in counts  $s^{-1}$ , not necessarily above the background level.
8. # peaks - number of peaks in Ca XIX observed, where intensities changed by at least 20%.
9. dt - BCS accumulation time in seconds.
10. XEN - XRP event number.

Description of XRP-FCS Entries:

1. Peak Time - expressed as hour:minute. Note caveats above on relating this time to BCS event.
2. Peak3 - FCS Detector #3 (Mg XI channel) peak intensity in counts  $s^{-1}$ . Note caveats above on relating this intensity to the BCS event.
3. Rast - raster size in arcseconds. Note: Rast=0"x0" denotes a "sit and stare" mode with the raster drive at rest.
4. Step - raster step size in arcseconds (also the image pixel size). Possible step sizes were 5", 10", 15", or 20". Note: Step=0" implies a "sit and stare" mode.
5. Cad (cadence) - duration of the FCS mode, e.g., the time to complete one raster (in seconds if  $< 10000$  sec, in minutes if  $> 10000$  sec); this is also the repeat time for a series of like rasters.
6. s/pixel - dwell time in seconds at each pixel in the raster.

Additional data information is available in the "XRP Master Event File" stored in the SMM Data Analysis Center's VAX computer. Contact the XRP Principal Investigator for access to this file.

## Ultraviolet Spectrometer and Polarimeter (UVSP)

The Ultraviolet Spectrometer and Polarimeter [Woodgate et al., Solar Physics 1980, 65, 73] on SMM consisted of a Gregorian telescope, a polarimeter consisting of two retarders and a linear polarizer, an Ebert-Fastie spectrograph, and five photomultiplier detectors (four used in second order, 1170 - 1780Å and one in first order, 1780 - 3600Å). The telescope secondary was rasterable in 1" or greater increment steps over a field of view of 256" x 256", and a novel slit wheel offered a choice of 22 sets of entrance apertures and four or five corresponding exit slits. UVSP was thus able to sample several spectral lines simultaneously (or nearly so), or, by use of beamsplitting prisms behind the exit slits, to obtain Doppler velocity information in one or two spectral lines. The wavelength drive allowed stepping of the spectrograph grating in increments of approximately 5 mÅ (in second order). Detector gating could be as short as 32 ms. In normal operations, all of the mechanisms were controlled by a 4096-word (16-bit) computer, which allowed the definition of a broad variety of experiment sequences. A Coalignment Adjustment System (CAS) allowed offsetting the entire UVSP for better alignment with other instruments of independent pointing.

### Description of UVSP entries:

Unlike the entries of the higher energy instruments, the UVSP event list entries describe whatever the instrument was doing during the time of the flare, regardless of whether or not the flare was observed by UVSP. The data in each entry consist of:

1. Start time - Experiment start time (UT) expressed in hour:minute.
2. Wavelength - in Å, good to the nearest 4Å (second order). If the experiment involved moving the wavelength drive, this is the initial (shortest) wavelength of the sequence.
3. Code - Time code indicating the following:
  - 0 - experiment includes the time of peak GOES emission
  - 1 - experiment includes ten minutes before the GOES peak
  - 2 - experiment includes ten minutes after the GOES peak
4. Exp # - UVSP experiment number. Each UVSP experiment is identified by a unique number, that in turn identifies the disk or tape file containing the data: data from experiment *nnnnn* will be found in playback (final data) file *Vnnnnn.PB (.FD)*.
5. Rast - total size of the raster pattern, or, for a single pixel experiment, the aperture size, in arcseconds. The first dimension is North - South (spacecraft Y-axis, UVSP x-axis), the second, East - West (spacecraft Z-axis, UVSP y-axis).

6. Step - secondary mirror step size, in arcseconds; zero for experiments in which the secondary mirror was not rastered ("sit and stare" experiments).
7. Pitch, Yaw - Raster center coordinates relative to disk center; these will differ from spacecraft pointing only when CAS motions have offset UVSP relative to the spacecraft boresight.



## Coronagraph/Polarimeter (C/P)

The High Altitude Observatory Coronagraph/Polarimeter [R.M. MacQueen et al., Solar Physics 1980, 65, 91] was an externally occulted, white-light coronagraph which recorded the solar coronal radiance from Thomson-scattered electrons (through a broad-band filter, 500-535 nm wavelength) and the presence of hydrogen alpha emission from cool ejecta at the solar limb (through a 654.3-658.3 nm filter). Images were recorded in total intensity and in three different planes of linear polarization. Images were obtained in a time cadence as rapid as once per several minutes or as infrequently as several times per orbit.

The list of coronal mass ejections stems from a visual examination of all video images obtained by C/P and analyzed by direct video display. Consecutive images were "toggled" and changes in the corona were readily apparent to the viewer in most cases. In the more obscure cases, images were digitally subtracted pixel-by-pixel from an earlier base image, thereby enhancing faint or subtle changes that occurred during the time between the images. A complete listing of SMM mass ejections is provided in "A Catalogue of Mass Ejections Observed by the Solar Maximum Mission Coronagraph" [O.C. St. Cyr and J.T. Burkepile, NCAR Technical Note 352 1990]. A "revised and expanded" edition of this catalog will be published by December 1991.

Any user of the information on the C/P list should be aware that it is derived from two-dimensional images and thus represents a "projection" onto a plane normal to the sun-earth line. In particular, measured position angles can be directly converted to solar latitudes only for structures near the solar limb. Measured speeds are similarly components projected on a plane.

### Description of C/P entries:

1. Start time - expressed in hour:minute. The 'start' time is the time of the earliest coronagraph image on which the primary structure identified as the mass ejection (for example, a bright loop) is visible within the coronagraph field of view.
2. PA - the location of the event center described in position angle, measured in the conventional sense (from solar north to east). The center is calculated as the mid-point between the position angles of the bright edges of the mass ejection "primary structure" at its greatest extent.
3. Extrapolated Start Time - An extrapolated start time can be determined for those mass ejections with speed measurements. A linear least-squares fit of the event's data points on a time versus height plot yields the speed directly. The intersection of the line with altitude one

$R_{\text{sun}}$  (i.e. the solar limb) produces an extrapolated departure time. The extrapolated start time thus represents an estimate of the time of the initiation of the mass ejection, assuming an initial altitude of one  $R_{\text{sun}}$  and assuming a constant velocity.

4. Comments - some entries also include comments on the visual appearance of the event. More comprehensive descriptions of each event are available from HAO.

## Ground-Based, Radio, and GOES X-Ray Data

Most of the ground-based and all radio and GOES X-ray data were supplied by the NOAA/USAF network observatories and geosynchronous sensors. When no ground-based data on a particular event was available from the network, the Solar and Geophysical Data Prompt and Comprehensive Reports issued by the World Data Center-A were consulted.

GOES data entries were extracted from the Space Environment Services Center (SESC) "Edited Events" and "Solar Events" listings. On the occasion that neither of these lists were available for correlation with HXRBS and XRP events, the GOES times were visually extrapolated from the GOES 3-second average plots.

Optical flare correlations were based primarily on time coincidence with instrument-detected events. Locations given indicate flare site, not SMM pointing. SMM pointing information, when available, is supplied elsewhere in the entry. Multiple optical flare reports are listed when other regions produced flares in coincidence with the instrument-detected event. The first optical event listed is that which best corresponds to the SMM-detected event. There are also entries indicating multiple bursts detected by the SMM instruments for single optical and soft X-ray flares.

The following descriptions and definitions should aid in deciphering the ground based data. For more comprehensive definitions consult the pamphlet "Descriptive Text - Contents of Preliminary Report and Forecast of Solar-Geophysical Data Activity", available from the Space Environment Services Center (SESC) at the address below:

NOAA/SEL R/E/SE2  
325 Broadway  
Boulder, CO 80303-2238

### Description of optical entries:

1. H $\alpha$  Classification - Indicates size and brightness of flare in the form XY where X is one of the following area codes:
  - S - Subflare (area < 2.0 sq. degrees)
  - 1 - Importance 1 (2.1  $\leq$  area  $\leq$  5.1 sq. degrees)
  - 2 - Importance 2 (5.2  $\leq$  area  $\leq$  12.4 sq. degrees)
  - 3 - Importance 3 (12.5  $\leq$  area  $\leq$  24.7 sq. degrees)
  - 4 - Importance 4 (area  $\geq$  24.8 sq. degrees)and Y is one of the following brightness codes:
  - F - faint
  - N - normal
  - B - brilliant

For non-flare reports, the following codes are used to describe the event:

- BSL - Bright surge on limb
- LPS - Loop prominence system
- ASR - Active surge region
- SPY - Spray
- EPL - Eruptive prominence on limb
- APR - Active prominence on limb
- 2. Location - Location of the flare in heliographic coordinates.
- 3. Region # (AR) - SESC-assigned active region number.
- 4. MacIntosh sunspot classification (Mac.) - Three letter descriptive code (Zpc) indicating white light configuration of sunspot group:
  - Z - Modified Zurich class A through H
  - p - Describes penumbra of largest spot in group:
    - x = no penumbra
    - r = rudimentary
    - s = symmetric
    - a = small asymmetric
    - h = large symmetric
    - k = large asymmetric
  - c - Sunspot distribution:
    - x = single spot
    - o = open
    - i = intermediate
    - c = compact
- 5. Heliocentric angle (H.Ang.) - Value in degrees of the angular displacement between the optical flare location and the actual Sun center point.
- 6. Carrington Longitude (Carr.Lon.) - Carrington Longitude in degrees of the optical flare location.

Description of discrete frequency radio burst entries:

1. Flux unit peak value above pre-burst background at frequencies of 245, 415, 606, 1415, 2695, 4995, 8800, and 15400 MHz.  
1 flux unit =  $10^{-22} \text{ Wm}^{-2}\text{Hz}^{-1}$

Description of sweep frequency radio event entries:

1. Type and intensity of dynamic radio events in the 25-75 MHz range.  
Type codes are:
  - Type I - Long lived dekametric continuum burst
  - Type II - Slow drift burst
  - Type III - Fast drift burst
  - Type IV - Broadband smooth continuum burst
  - Type V - Brief continuum burst associated with Type III

Intensity codes are:

- 1 - minor
- 2 - significant
- 3 - major

Description of GOES entries:

1. Start time - expressed in hour:minute. Start time of X-ray burst (based on one minute averages of 3 second data).
2. Peak time - expressed in hour:minute.
3. End time - expressed in hour:minute. Time when flux level decays to point halfway between maximum level and pre-flare background.
4. Importance - Classification of burst according to peak energy in  $\text{Wm}^{-2}$ , 1-8A band. Form of code is Zn where Z is:
  - A -  $< 10^{-7}$
  - B -  $> 10^{-7}$ ,  $< 10^{-6}$
  - C -  $> 10^{-6}$ ,  $< 10^{-5}$
  - M -  $> 10^{-5}$ ,  $< 10^{-4}$
  - X -  $> 10^{-4}$and n is a numerical multiplier from 1 to 9. Thus, a C3 burst indicates a peak flux of  $3 \times 10^{-6} \text{ Wm}^{-2}$ .
5. Quality Code (Qual) - the code indicates where the GOES X-ray bursts occur in relation to SMM day/night transitions and passages through the South Atlantic Anomaly:
  - 0 - No correlation of event with GOES data
  - 1 - Entire event observed
  - 2 - Only start of event observed
  - 3 - Start and peak of event observed
  - 4 - Peak and decay of event observed
  - 5 - Only decay of event observed
  - 6 - No GOES data available during event



**1988 SOLAR MAXIMUM MISSION EVENT LISTING**







Event # = 21448		88/01/03		DOY=3	
Start	End times	SMM Pointing:	S33W24	Pitch=+489", Yaw=-333", Roll=0deg	H. Ang=37deg
GOES 01:07	02:03	CaPeak.c/s=119	Qual=00	dt= 7.7s	XEN=800300
BCS 01:09			Qual= 4	Step=0"	860.4s/pixel
FCS 01:01				Step=0"	Pitch=+368", Yaw=-149"
UVSP 01:01		Wavelength=2788A	Exp #=60735		
FePeak=01:23					
Exp #=60735					
Event # = 21449		88/01/03,02:52		DOY=3	
Start	End times	SMM Pointing:	S33W25	Pitch=+490", Yaw=-344", Roll=0deg	H. Ang=38deg
GOES 02:40	03:37	CaPeak.c/s=67	Qual=00	dt= 7.7s	XEN=800301
BCS 02:52			Qual= 1	Step=0"	1.024s/pixel
FCS 02:44				Step=0"	Pitch=+489", Yaw=-380"
UVSP 02:44		Wavelength=1375A	Exp #=60738		
FePeak=02:59					
Exp #=60738					
Event # = 8727		88/01/03,04:15		DOY=3	
Start	End times	SMM Pointing:	S33W26	Pitch=+490", Yaw=-355", Roll=0deg	H. Ang=38deg
GOES 04:20:19	04:26:34	Peak...c/s=66	Qual=00	dt= 7.7s	XEN=800302
HXRBS 04:14	05:11	CaPeak.c/s=49	Qual= 4	Step=0"	1.024s/pixel
BCS 04:15				Step=5"	Pitch=+497", Yaw=-343"
UVSP 04:15		Wavelength=1375A	Exp #=60745		
Tot Cts=1670					
FePeak=04:38					
Exp #=60745					
Event # = 21450		88/01/03,06:09		DOY=3	
Start	End times	SMM Pointing:	S33W26	Pitch=+490", Yaw=-365", Roll=0deg	H. Ang=39deg
GOES 06:08	06:45	CaPeak.c/s=27	Qual=00	dt= 7.7s	XEN=800303
BCS 06:09			Qual= 4	Step=0"	1.024s/pixel
FCS 06:09				Step=0"	Pitch=+564", Yaw=-283"
UVSP 06:09		Wavelength=1375A	Exp #=60754		
FePeak=06:08					
Exp #=60754					
Event # = 8680		88/01/03,23:20		DOY=3	
Start	End times	SMM Pointing:	N06W15	Pitch=-156", Yaw=-247", Roll=0deg	H. Ang=17deg
GOES 23:10	23:24	Importance=C2	Qual=01	dt= 7.7s	XEN=800303
HXRBS 23:15:41	23:16:03	Peak...c/s=80	Qual=01	Step=0"	1.024s/pixel
UVSP 22:58	23:16:21	Wavelength=2788A		Step=0"	Pitch=+413", Yaw=-237"
Radio Sweeps	Type/Intensity:	V/2			
Radio Frequency (MHz)/Flux(sfu):	245/56				
Event # = 8684		88/01/05,21:11		DOY=5	
Start	End times	SMM Pointing:	S36W56	Pitch=+545", Yaw=-655", Roll=0deg	H. Ang=61deg
GOES 21:11:24	21:11:28	Peak...c/s=67	Qual=00	dt= 7.7s	XEN=800303
HXRBS 21:11:24	21:11:28		Qual=01	Step=0"	1.024s/pixel
UVSP 21:11:24	21:11:28			Step=0"	Pitch=+413", Yaw=-237"
Radio Sweeps	Type/Intensity:	V/2			
Radio Frequency (MHz)/Flux(sfu):	245/56				

Event # = 8685		88/01/06		DOY=6			
88/01/06, 20:16	DOY=6	S36467				Pitch=+553", Yaw=-730", Roll=0deg	
Optical	End times	SMM Pointing:				H. Ang=70deg	
GOES 20:02	20:16	Ha...Class=SF		AR4919		Mac.=BX0	
GOES 20:18:36	20:19:19	Importance=C1		Qual=01		Carr. Lon.=133deg	
GOES 20:18:36	20:19:19	Peak...c/s=114		Qual=01		MaxkeV=220	
GOES 20:18:36	20:19:19	Wavelength=2788A		Code=01		Rast=180"x1"	
GOES 20:18:36	20:19:19			Tot Cts=834		Step=0"	
GOES 20:18:36	20:19:19			Exp #=60878		Pitch=+433", Yaw=-548"	
GOES 20:18:36	20:19:19						
Event # = 8686		88/01/08		DOY=8			
88/01/08, 02:05	DOY=8						
Optical	End times	S24E48		AR4921		Mac.=CR0	
GOES 01:59	02:05	Ha...Class=SF		Qual=03		Carr. Lon.=117deg	
GOES 02:01:51	02:02:19	Importance=C2		Qual=01		MaxkeV=99	
GOES 02:01:51	02:02:19	Peak...c/s=65		Code=01		Rast=180"x1"	
GOES 02:01:51	02:02:19	Wavelength=2788A		Code=01		Step=0"	
GOES 02:01:51	02:02:19			Tot Cts=982		Pitch=+451", Yaw=-605"	
GOES 02:01:51	02:02:19			Exp #=60930			
Event # = 8687		88/01/09		DOY=9			
88/01/09, 02:28	DOY=9	S26E38				Pitch=+378", Yaw=+542", Roll=0deg	
Optical	End times	S24E33		AR4921		Mac.=DS0	
GOES 02:20	02:28	Ha...Class=IN		Qual=02		Carr. Lon.=119deg	
GOES 02:21:00	02:21:47	Importance=C7		Qual=01		MaxkeV=70	
GOES 02:21:00	02:21:47	Peak...c/s=69		Qual=1		FePeak.c/s=27	
GOES 02:21:00	02:21:47	CaPeak.c/s=94		Code=01		#Peaks=1	
GOES 02:21:00	02:21:47	Wavelength=2788A		Code=01		dt= 7.7s	
GOES 02:21:00	02:21:47			Exp #=60977		XEN=800900	
GOES 02:21:00	02:21:47					Cad=1.02s	
GOES 02:21:00	02:21:47					Step=0"	
GOES 02:21:00	02:21:47					Pitch=+259", Yaw=+467"	
GOES 02:21:00	02:21:47						
Event # = 21451		88/01/09		DOY=9			
88/01/09, 03:12	DOY=9	S26E38				Pitch=+378", Yaw=+542", Roll=0deg	
Optical	End times	Qual=00				H. Ang=43deg	
GOES 03:11	03:12	CaPeak.c/s=27		Qual=4		FePeak.c/s=12	
GOES 03:11	03:12	Wavelength=2788A		Exp #=60978		dt= 7.7s	
GOES 03:11	03:12					XEN=800901	
GOES 03:11	03:12					Cad=1083s	
GOES 03:11	03:12					Step=5"	
GOES 03:11	03:12					Pitch=+387", Yaw=+545"	
GOES 03:11	03:12						
Event # = 21452		88/01/09		DOY=9			
88/01/09, 15:33	DOY=9	S26E31				Pitch=+376", Yaw=+457", Roll=0deg	
Optical	End times	S23E26		AR4921		Mac.=DS0	
GOES 15:25	15:33	Ha...Class=IN		Qual=05		Carr. Lon.=118deg	
GOES 15:25	15:33	Importance=C7		Qual=4		FePeak.c/s=18	
GOES 15:25	15:33	CaPeak.c/s=138		Code=00		#Peaks=1	
GOES 15:25	15:33	Wavelength=2788A		Code=00		dt= 7.7s	
GOES 15:25	15:33			Exp #=61004		XEN=800902	
GOES 15:25	15:33					Cad=1.02s	
GOES 15:25	15:33					Step=0"	
GOES 15:25	15:33					Pitch=+254", Yaw=+378"	
GOES 15:25	15:33						
Event # = 8688		88/01/11		DOY=11			
88/01/11, 19:56	DOY=11	S04W00				Pitch=+0", Yaw=+6", Roll=0deg	
Optical	End times	N25W87		AR4923		Mac.=BX0	
GOES 19:31	19:56	Ha...Class=SF		Qual=03		Carr. Lon.=203deg	
GOES 19:31	19:56	Importance=C2		Qual=01		MaxkeV=70	
GOES 19:31	19:56	Peak...c/s=59		Tot Cts=173		Pitch=-7", Yaw=+57"	
GOES 19:31	19:56						

[illegible]

Event # = 8695	DOY=14	Start	End times	Ha...Class=IN	S38E51	AR4925	Mac.=CS0	Carr. Lon.=31deg	H. Ang=57deg
88/01/14 09:21	Peak	09:21	10:15	Importance=M1	Qual=03				
Optical				Peak...c/s=140	Qual=01	Tot Cts=10253	MaxkeV=70	Flags=M1	
GOES 09:15		09:19:10	09:23:02	Wavelength=2788A	Code=02	Exp #=61193	Rast=180"x1"	Pitch=0"	Yaw=+938"
HXRBS 09:14:30									
UVSP 09:26									
Radio Frequency(MHz)/Flux(sfu):				4995/16 8800/30	15400/27				
Event # = 8731	DOY=14	Start	End times	Importance=C6	Qual=01				
88/01/14 13:42	Peak	13:42	14:34	Peak...c/s=699	Qual=01				
GOES 13:23		13:36:23	13:40:24	Wavelength=2788A	Code=02	Tot Cts=16400	MaxkeV=159	Flags=I	
HXRBS 13:35:07						Exp #=61199	Rast=180"x1"	Pitch=0"	Yaw=+851"
UVSP 14:09									
Radio Frequency(MHz)/Flux(sfu):				4995/16 8800/30	15400/27				
Event # = 8696	DOY=14	Start	End times	SMM Pointing:	S18E66		Pitch=+264"	Yaw=+853"	Roll=0deg
88/01/14 15:02	Peak	15:02	15:20	Ha...Class=1B	S37E48	AR4925	Mac.=CS0	Carr. Lon.=31deg	H. Ang=55deg
Optical				Importance=M2	Qual=01				
GOES 14:57		15:00:18	15:04:03	CaPeak.c/s=44	Qual=1	Tot Cts=1.19E+5	MaxkeV=253	Flags=M1	
HXRBS 14:58:16						FePeak=15:01	FePeak.c/s=33	#Peaks=1	dt= 7.7s
BCS 15:00		15:01	15:07	Wavelength=2788A	Code=01	Exp #=61200	Rast=180"x1"	Step=0"	XEN=801400
FCS 14:43									Cad=1.02s
UVSP 14:43									Pitch=+145"
Radio Frequency(MHz)/Flux(sfu):				1415/34 2695/78	4995/74 8800/150	15400/140			Yaw=-71"
Event # = 8697	DOY=14	Start	End times	SMM Pointing:	S37E41		Pitch=+539"	Yaw=+508"	Roll=0deg
88/01/14 21:55	Peak	21:55	22:10	Ha...Class=SF	N33W48	AR4919	Mac.=EAO	Carr. Lon.=123deg	H. Ang=49deg
Optical				Importance=B7	S18E66	AR4927			
GOES 21:46		21:51:32	21:56:33	CaPeak.c/s=49	Qual=03	Tot Cts=3255	MaxkeV=220	Carr. Lon.=9deg	H. Ang=59deg
HXRBS 21:49:12				Wavelength=1375A	Code=00	Exp #=61213	Rast=10"x10"	Step=0"	H. Ang=66deg
UVSP 21:45									
Radio Frequency(MHz)/Flux(sfu):									
Event # = 8701	DOY=14	Start	End times	SMM Pointing:	S37E40		Pitch=+539"	Yaw=+498"	Roll=0deg
88/01/14 23:41	Peak	23:41	00:02	Ha...Class=SF	S40E47	AR4925	Mac.=CS0	Carr. Lon.=27deg	H. Ang=55deg
Optical				Importance=C1	Qual=02				
GOES 23:29		23:30:14	23:32:56	CaPeak.c/s=18	Qual=4	Tot Cts=1445	MaxkeV=70	#Peaks=1	dt= 7.7s
HXRBS 23:28:44						FePeak=23:36	FePeak.c/s=12	Step=0"	XEN=801401
BCS 23:36		23:36	23:39	Wavelength=1375A	Code=00	Exp #=61223	Rast=10"x10"	Step=0"	Cad=1.02s
FCS 23:36									Pitch=+567"
UVSP 23:36									Yaw=+551"
Radio Frequency(MHz)/Flux(sfu):									
Event # = 21453	DOY=15	Start	End times	SMM Pointing:	S37E40		Pitch=+539"	Yaw=+498"	Roll=0deg
88/01/15 00:14	Peak	00:14	00:29	Ha...Class=SF	S39E44	AR4925	Mac.=ESI	Carr. Lon.=30deg	H. Ang=53deg
Optical				Importance=C3	Qual=04				
GOES 00:07		00:14	00:28	CaPeak.c/s=141	Qual=5	FePeak=00:14	FePeak.c/s=30	#Peaks=1	dt= 7.7s
HXRBS 00:14							Rast=0"x0"	Step=0"	XEN=801500
BCS 00:14		00:14	00:28	Wavelength=1375A	Code=02	Exp #=61224	Rast=265"x265"	Step=5"	Cad=1.02s
FCS 00:16									Pitch=+545"
UVSP 00:16									Yaw=+505"
Radio Frequency(MHz)/Flux(sfu):				4995/18 8800/44	15400/50				

Event # = 8698									
88/01/15	05:21	DOY=15	SMM Pointing:		S37E37	Pitch=+537", Yaw=+465", Roll=0deg		H. Ang=47deg	
Optical	Start	End times							
GOES	05:15	05:25	Importance=86	Qual=01					
HXRBS	05:18:49	05:18:58 05:19:39	Peak...c/s=67	Qual=01					
UVSP	05:11		Wavelength=1375A	Code=00					
					Tot Cts=344	Step=0"		Pitch=+556", Yaw=+505"	
					Exp #=61249	Rast=10"x10"			
Event # = 8700									
88/01/15	07:10	DOY=15	SMM Pointing:		S37E36	Pitch=+536", Yaw=+455", Roll=0deg		H. Ang=46deg	
Optical	Start	End times							
GOES	06:58	07:10 07:28	Ha...Class=SF	S37E38	AR4925	Mac.=ESI		H. Ang=48deg	
HXRBS	07:07:20	07:08:17 07:09:14	Importance=C1	Qual=01					
BCS	07:08	07:09 07:14	Peak...c/s=159	Qual=01					
FCS			CaPeak.c/s=44	Qual=1					
UVSP	07:02		Wavelength=1375A	Code=00	Exp #=61258	Rast=10"x10"		dt= 7.7s XEN=801501	
Radio	Sweeps	Type/Intensity:							
Radio	Frequency	Flux(sfu):	245/87	410/11	606/6	Step=0"		Cad=1.02s XEN=801501	
			Associated Event # = 8699						
HXRBS	07:03:04	07:03:23 07:03:32	Peak...c/s=82	Qual=01	Tot Cts=300	Step=0"		dt= 7.7s XEN=801502	
BCS	07:04	07:04 07:07	CaPeak.c/s=22	Qual=4	FePeak=07:04	Step=0"		Cad=1.02s XEN=801502	
FCS						Rast=0"x0"		Cad=1.02s XEN=801502	
Event # = 8702									
88/01/15	15:17	DOY=15	SMM Pointing:		S05W00	Pitch=+0", Yaw=+0", Roll=0deg		H. Ang=0deg	
Optical	Start	End times							
GOES	15:12	15:17 15:25	Ha...Class=SF	S37E37	AR4925	Mac.=ESI		H. Ang=47deg	
HXRBS	15:13:33	15:14:45 15:15:50	Importance=B7	Qual=01					
			Peak...c/s=54	Qual=01	Tot Cts=380	MaxkeV=70			
Event # = 8703									
88/01/15	16:44	DOY=15	SMM Pointing:		S05W00	Pitch=+7", Yaw=-1", Roll=7deg		H. Ang=0deg	
Optical	Start	End times							
GOES	16:43:54	16:44:19 16:44:46	Peak...c/s=56	Qual=01	Tot Cts=212	MaxkeV=99			
HXRBS									
Event # = 8706									
88/01/15	19:40	DOY=15	SMM Pointing:		S05W00	Pitch=+7", Yaw=-1", Roll=7deg		H. Ang=0deg	
Optical	Start	End times							
GOES	19:37	19:40 19:42	Ha...Class=SF	S36E33	AR4925	Mac.=ESI		H. Ang=44deg	
HXRBS	19:38:20	19:38:52 19:39:09	Importance=C1	Qual=01					
			Peak...c/s=56	Qual=01	Tot Cts=1918	MaxkeV=70			
					Associated Event # = 8705	MaxkeV=70			
HXRBS	19:37:02	19:37:06 19:37:33	Peak...c/s=47	Qual=01	Tot Cts=1214				
Event # = 8704									
88/01/15	20:54	DOY=15	SMM Pointing:		S05W00	Pitch=+7", Yaw=-1", Roll=7deg		H. Ang=0deg	
Optical	Start	End times							
GOES	20:52	20:54 20:57	Ha...Class=SF	S38E32	AR4925	Mac.=ESI		H. Ang=44deg	
HXRBS	20:52:33	20:52:48 20:53:08	Importance=C1	Qual=01	Tot Cts=1500	Carr. Lon.=31deg			
			Peak...c/s=78	Qual=01		MaxkeV=99			

Event # = 8711		88/01/16		DOY=16			
88/01/16, 21:08	DOY=16	S19E39		Pitch=+258", Yaw=+579", Roll=0deg		H.Ang=40deg	
Optical	Peak	S41E28		Mac.=EAI		H.Ang=44deg	
GOES 21:03	21:08	Ha...Class=SF		AR4925			
HXRBS 21:05:30	21:07:02	Importance=C1		Qual=03			
UVSP 21:09	21:07:34	Peak...c/s=63		Tot Cts=5197			
		Wavelength=2788A		Code=02		Step=0"	
				Exp #=61315		Pitch=+136", Yaw=+501"	
Event # = 8707		88/01/17		DOY=17			
88/01/17, 13:45	DOY=17	S19E29		Pitch=+251", Yaw=+453", Roll=0deg		H.Ang=32deg	
Optical	Peak	S41E28					
GOES 13:39	13:45	Ha...Class=SF					
HXRBS 13:38:03	13:39:00	Importance=C2		Qual=01			
UVSP 13:20	13:40:02	Peak...c/s=65		Tot Cts=4845			
		Wavelength=2788A		Code=01		Step=0"	
				Exp #=61376		Pitch=+130", Yaw=+383"	
Event # = 21454		88/01/17		DOY=17			
88/01/17, 23:00	DOY=17	S19E25		Pitch=+247", Yaw=+385", Roll=0deg		H.Ang=28deg	
Optical	Peak	S19E25					
GOES 22:51	23:00	Ha...Class=SF					
HXRBS 23:15	23:15	Importance=B8		Qual=05			
UVSP 22:57	23:17	CaPeak.c/s=1104		Qual=5			
		Wavelength=1375A		Code=00			
				Exp #=61395			
Event # = 8708		88/01/18		DOY=18			
88/01/18, 00:33	DOY=18	S19E24		Pitch=+246", Yaw=+376", Roll=0deg		H.Ang=27deg	
Optical	Peak	S19E21		Mac.=DAO		H.Ang=25deg	
GOES 00:29	00:33	Ha...Class=SF		AR4927			
HXRBS 00:29:21	00:29:47	Importance=C1		Qual=01			
BCS 00:30	00:32	Peak...c/s=61		Qual=01			
UVSP 00:30	00:39	CaPeak.c/s=63		Qual=1			
		Wavelength=1375A		Code=00			
				Exp #=61403			
Event # = 8710		88/01/19		DOY=19			
88/01/19, 20:43	DOY=19	S19W00		Pitch=+236", Yaw=-8", Roll=0deg		H.Ang=14deg	
Optical	Peak	S19W00		Mac.=EKO		H.Ang=14deg	
GOES 20:30	20:43	Ha...Class=1F		AR4927			
HXRBS 20:38:30	20:39:26	Importance=C1		Qual=01			
BCS 20:39	20:42	Peak...c/s=1040		Qual=01			
UVSP 20:18	20:52	CaPeak.c/s=37		Qual=1			
		Wavelength=2788A					
				Exp #=61542			

[illegible]



88/01/26		DOY=26			
Event # = 21457					
88/01/26, 06:31	DOY=26				
Start	Peak				
G0ES 06:18	06:31	SMM Pointing:	S19W78	Pitch=+297", Yaw=-903", Roll=0deg	H.Ang=77deg
BCS 06:28	06:28	Importance=B7	Qual=01		
FCS		CaPeak.c/s=19	Qual= 4	#Peaks=1 dt= 7.7s	XEN=802600
UVSP 06:09		Wavelength=2788A	Exp #=61921	Step=0" Cad=1.02s	1.024s/pixel
				Pitch=+182", Yaw=-727"	
Event # = 21458					
88/01/26, 07:19	DOY=26				
Start	Peak				
G0ES 07:07	07:19	SMM Pointing:	S19W81	Pitch=+303", Yaw=-913", Roll=0deg	H.Ang=80deg
BCS 07:12	07:15	Importance=B7	Qual=02		
FCS		CaPeak.c/s=20	Qual= 4	#Peaks=1 dt= 7.7s	XEN=802601
UVSP 07:13		Wavelength=2788A	Exp #=61922	Step=0" Cad=1.02s	1.024s/pixel
				Pitch=+182", Yaw=-729"	
Event # = 8714					
88/01/26, 11:03	DOY=26				
Start	Peak				
Optical		SMM Pointing:	S19W81	Pitch=+303", Yaw=-913", Roll=0deg	H.Ang=80deg
G0ES 10:55	11:03	Ha...Class=1F	S21W90	Mac.=DSO Carr.Lon.=13deg	H.Ang=88deg
HXRBS 10:58:21	11:01:24	Importance=C6	Qual=03		
BCS 10:59	11:17	Peak...c/s=57	Qual=01	MaxkeV=70	
FCS		CaPeak.c/s=257	Qual= 1	#Peaks=2 dt= 3.8s	XEN=802602
UVSP 10:51		Wavelength=2788A	Exp #=61927	Step=5" Cad=25.6s	1.024s/pixel
				Pitch=+185", Yaw=-732"	
Event # = 8715					
88/01/27, 12:58	DOY=27				
Start	Peak				
G0ES 12:52	12:58	Importance=C1	Qual=03		
HXRBS 12:53:27	12:53:47	Peak...c/s=236	Qual=01	MaxkeV=129	
UVSP 13:24		Wavelength=2788A	Exp #=61967	Rast=420"x241" Step=3" Pitch=+7", Yaw=+56"	
Event # = 21459					
88/01/27, 20:25	DOY=27				
Start	Peak				
Optical		SMM Pointing:	N19W59	Pitch=-369", Yaw=-791", Roll=0deg	H.Ang=63deg
G0ES 20:21	20:25	Ha...Class=S8	N21W60	Mac.=CR0 Carr.Lon.=325deg	H.Ang=65deg
BCS 20:19	20:24	Importance=C4	Qual=01		
FCS		CaPeak.c/s=163	Qual= 1	#Peaks=2 dt= 7.7s	XEN=802700
UVSP 20:00		Wavelength=2788A	Exp #=61975	Step=0" Cad=1.02s	1.024s/pixel
Radio		Frequency(MHz)/Flux(sfu):	245/23	Step=3" Pitch=-396", Yaw=-791"	
Event # = 8716					
88/01/27, 20:29	DOY=27				
Start	Peak				
G0ES 20:28	20:29	SMM Pointing:	N19W59	Pitch=-369", Yaw=-791", Roll=0deg	H.Ang=63deg
HXRBS 20:28:13	20:28:38	Importance=C3	Qual=01		
UVSP 20:00		Peak...c/s=61	Qual=01	MaxkeV=70	
		Wavelength=2788A	Exp #=61975	Rast=63"x63" Step=3" Pitch=-396", Yaw=-791"	

Event # = 8718 88/01/27 23:06 Start	DOY=27 Peak	End times	SMM Pointing:	N20W62	Pitch=-367", Yaw=-813", Roll=0deg	H. Ang=66deg
Optical			Ha...Class=SN	N20W61	Mac.=CR0	H. Ang=65deg
GOES 22:59	23:06	23:18	Importance=C4	Qual=05		
GOES 23:04:35	23:05:00	23:05:22	Peak...c/s=70	Qual=01		
BCS 23:06	23:06	23:14	CaPeak.c/s=218	Qual= 5		
FCS						
UVSP 23:06			Wavelength=1375A	Code=02	Exp #=61977	
Event # = 8717 88/01/27 23:29 Start	DOY=27 Peak	End times	SMM Pointing:	N20W62	Pitch=-367", Yaw=-813", Roll=0deg	H. Ang=66deg
GOES 23:25	23:29	23:48	Importance=C3	Qual=01		
GOES 23:26:58	23:27:29	23:28:07	Peak...c/s=166	Qual=01		
BCS 23:28	23:28	23:46	CaPeak.c/s=83	Qual= 1		
FCS						
UVSP 23:26			Wavelength=1375A	Code=00	Exp #=61980	
Event # = 21460 88/01/28 02:31 Start	DOY=28 Peak	End times	SMM Pointing:	N19W63	Pitch=-362", Yaw=-823", Roll=0deg	H. Ang=67deg
Optical			Ha...Class=SF	N16W62	Mac.=DSI	H. Ang=65deg
GOES 02:18	02:31	02:34	Importance=C2	Qual=01		
BCS 02:20	02:20	02:25	CaPeak.c/s=34	Qual= 5		
FCS						
UVSP 02:06			Wavelength=2788A	Code=01	Exp #=61991	
Event # = 21461 88/01/28 03:56 Start	DOY=28 Peak	End times	SMM Pointing:	N19W63	Pitch=-362", Yaw=-823", Roll=0deg	H. Ang=67deg
GOES 03:50	03:56	04:05	Importance=B9	Qual=01		
BCS 03:55	03:55	03:57	CaPeak.c/s=18	Qual= 4		
FCS						
UVSP 03:41			Wavelength=2788A	Code=01	Exp #=61993	
Event # = 21462 88/01/28 04:15 Start	DOY=28 Peak	End times	SMM Pointing:	N19W63	Pitch=-362", Yaw=-823", Roll=0deg	H. Ang=67deg
GOES 04:10	04:15	04:18	Importance=C1	Qual=01		
BCS 04:14	04:14	04:16	CaPeak.c/s=20	Qual= 4		
FCS						
UVSP 04:41			Wavelength=2788A	Code=01	Exp #=61994	
Event # = 8719 88/01/28 04:31 Start	DOY=28 Peak	End times	SMM Pointing:	N19W63	Pitch=-362", Yaw=-823", Roll=0deg	H. Ang=67deg
GOES 04:26	04:31	04:39	Importance=C1	Qual=01		
HXRBS 04:28:30	04:29:09	04:29:18	Peak...c/s=58	Qual=01		
UVSP 04:41			Wavelength=2788A	Code=01	Exp #=61994	

Event # = 21463									
88/01/28, 04:49	DOY=28	Start	Peak	SMM Pointing:		N19W63	Pitch=-362", Yaw=-823", Roll=0deg		H.Ang=67deg
GOES 04:40	04:49	05:00	04:45	End times	Importance=C2	Qual=02			
BCS 04:44	04:45	04:47			CaPeak.c/s=32	Qual= 4			
FCS					Wavelength=2788A	Code=00			
UVSP 04:41					Exp #=61994		FePeak.c/s=12 #Peaks=1 dt= 7.7s XEN=802803 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel Rast=180"x1" Step=0" Pitch=-226", Yaw=-648"		
Event # = 21464									
88/01/28, 06:04	DOY=28	Start	Peak	SMM Pointing:		N19W65	Pitch=-360", Yaw=-836", Roll=0deg		H.Ang=69deg
GOES 06:01	06:04	06:05	06:03	End times	Importance=C1	Qual=01			
BCS 06:03	06:03	06:11			CaPeak.c/s=29	Qual= 4			
FCS					Wavelength=2788A				
UVSP 06:16					Exp #=61996		FePeak.c/s=8 #Peaks=1 dt= 7.7s XEN=802804 Rast=25"x25" Step=5" Cad=25.6s 1.024s/pixel Rast=180"x1" Step=0" Pitch=-225", Yaw=-654"		
Event # = 8720									
88/01/28, 06:08	DOY=28	Start	Peak	SMM Pointing:		N19W65	Pitch=-360", Yaw=-836", Roll=0deg		H.Ang=69deg
Optical				End times	Ha....Class=SN				
GOES 06:06	06:08	06:38	06:06		Importance=C6	Qual=03			
HXRBS 06:05:45	06:06:40	06:08:46			Peak...c/s=217	Qual=01			
UVSP 06:16					Wavelength=2788A	Code=02	Mac.=DSI Carr.Lon.=323deg H.Ang=68deg MaxkeV=129 Rast=180"x1" Step=0" Pitch=-225", Yaw=-654"		
Event # = 21465									
88/01/28, 07:19	DOY=28	Start	Peak	SMM Pointing:		N19W65	Pitch=-360", Yaw=-836", Roll=0deg		H.Ang=69deg
GOES 07:18	07:19	07:25	07:18	End times	Importance=B8	Qual=01			
BCS 07:18	07:18	07:20			CaPeak.c/s=23	Qual= 4			
FCS					Wavelength=2788A				
UVSP 06:49					Exp #=61997		FePeak.c/s=8 #Peaks=1 dt= 7.7s XEN=802805 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel Rast=180"x1" Step=0" Pitch=-225", Yaw=-656"		
Event # = 8721									
88/01/28, 08:50	DOY=28	Start	Peak	SMM Pointing:		N19W67	Pitch=-357", Yaw=-847", Roll=0deg		H.Ang=70deg
Optical				End times	Ha....Class=1N				
GOES 08:41	08:50	09:20	08:50		Importance=M1	Qual=01			
HXRBS 08:45:36	08:48:18	08:50:21			Peak...c/s=192	Qual=01			
BCS 08:43	08:43	08:50			CaPeak.c/s=253	Qual= 6			
FCS					Wavelength=2788A				
UVSP 08:24					Exp #=61999		MaxkeV=70 FePeak.c/s=69 #Peaks=1 dt= 7.7s XEN=802806 Rast=25"x25" Step=5" Cad=25.6s 1.024s/pixel Rast=180"x1" Step=0" Pitch=-224", Yaw=-662"		
Event # = 21466									
88/01/28, 11:55	DOY=28	Start	Peak	SMM Pointing:		N19W69	Pitch=-355", Yaw=-857", Roll=0deg		H.Ang=72deg
GOES 11:49	11:55	12:04	11:55	End times	Importance=C1	Qual=01			
BCS 11:52	11:52	11:58			CaPeak.c/s=23	Qual= 4			
FCS					Wavelength=2788A				
UVSP 08:24					Exp #=61999		FePeak.c/s=9 #Peaks=1 dt= 7.7s XEN=802807 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel		
Event # = 21467									
88/01/28, 12:09	DOY=28	Start	Peak	SMM Pointing:		N19W69	Pitch=-355", Yaw=-857", Roll=0deg		H.Ang=72deg
GOES 12:04	12:09	12:21	12:09	End times	Importance=C1	Qual=01			
BCS 12:05	12:07	12:11			CaPeak.c/s=43	Qual= 1			
FCS					Wavelength=2788A				
UVSP 08:24					Exp #=61999		FePeak.c/s=7 #Peaks=1 dt= 0.1s XEN=802808 Rast=0"x0" Step=0" Cad=.26s 0.256s/pixel		

88/01/29 DOY=29									
Event # = 8722	88/01/29, 02:02	DOY=29	SMM Pointing:	N19W75				Pitch=-345", Yaw=-890", Roll=0deg	H.Ang=78deg
GOES	02:02:32	02:02:53	End times	Qual=00					
HXRBS	01:52	02:02:53	Peak...c/s=95	Qual=01	Tot Cts=195			MaxkeV=70	
UVSP	01:52	02:02:53	Wavelength=1375A		Exp #=62018			Rast=10"x10"	Pitch=-349", Yaw=-898"
88/01/29, 02:04									
Event # = 8723	88/01/29, 02:04	DOY=29	SMM Pointing:	N19W75				Pitch=-345", Yaw=-890", Roll=0deg	H.Ang=78deg
GOES	02:04:01	02:04:11	End times	Qual=00					
HXRBS	01:52	02:04:11	Peak...c/s=79	Qual=01	Tot Cts=365			MaxkeV=70	
UVSP	01:52	02:04:11	Wavelength=1375A		Exp #=62018			Rast=10"x10"	Pitch=-349", Yaw=-898"
88/01/29, 02:29									
Event # = 21468	88/01/29, 02:29	DOY=29	SMM Pointing:	N19W75				Pitch=-345", Yaw=-890", Roll=0deg	H.Ang=78deg
GOES	02:10	02:29	End times	Qual=03					
BCS	02:17	02:27	Importance=C1	Qual=1	FePeak=02:24			FePeak.c/s=8	dt= 7.7s XEN=802900
FCS	02:24	02:27	CaPeak.c/s=34					Rast=0"x0"	Cad=1.02s 1.024s/pixel
UVSP	02:24	02:27	Wavelength=1375A	Code=00	Exp #=62022			Rast=10"x10"	Pitch=-384", Yaw=-875"
88/01/29, 14:54									
Event # = 21469	88/01/29, 14:54	DOY=29	SMM Pointing:					Pitch=-327", Yaw=-921", Roll=0deg	
GOES	14:46	14:54	End times						
BCS	14:48	14:49	Importance=C1	Qual=02				FePeak.c/s=10	dt= 7.7s XEN=802901
FCS	15:13	14:49	CaPeak.c/s=30	Qual=1	FePeak=14:49			Rast=0"x0"	Cad= 860s 860.4s/pixel
UVSP	15:13	14:49	Wavelength=2788A		Exp #=62051			Rast=180"x1"	Pitch=-188", Yaw=-735"
88/01/30 DOY=30									
Event # = 8724	88/01/30, 05:16	DOY=30	SMM Pointing:	N18W80				Pitch=-318", Yaw=-914", Roll=0deg	H.Ang=83deg
GOES	05:10	05:16	End times	Qual=03					
HXRBS	05:13:05	05:13:44	Importance=C2	Qual=01	Tot Cts=1446			MaxkeV=70	
UVSP	05:20	05:13:44	Peak...c/s=92	Code=02	Exp #=62092			Rast=180"x1"	Pitch=-188", Yaw=-735"
88/01/31 DOY=31									
Event # = 8725	88/01/31, 10:46	DOY=31	SMM Pointing:	N18E45				Pitch=-367", Yaw=-655", Roll=0deg	H.Ang=50deg
GOES	10:39	10:46	End times	Qual=03					
HXRBS	10:40:29	10:42:18	Importance=C3	Qual=01	Tot Cts=3384			MaxkeV=159	
UVSP	11:09	10:42:18	Peak...c/s=133		Exp #=62151			Rast=180"x1"	Pitch=-233", Yaw=-579"
HXRBS	10:43:23	10:44:51	Wavelength=2788A	Associated Event # = 8726	Tot Cts=3962			MaxkeV=189	
88/02/01 DOY=32									
Event # = 8735	88/02/01, 00:50	DOY=32	SMM Pointing:	N20E53				Pitch=-732", Yaw=-392", Roll=90deg	H.Ang=58deg
GOES	00:48	00:50	End times	Qual=01					
HXRBS	00:48:51	00:49:28	Importance=84	Qual=01	Tot Cts=157			MaxkeV=70	Flags=1
UVSP	00:45	00:49:28	Peak...c/s=69	Code=00	Exp #=62180			Rast=10"x10"	Pitch=-771", Yaw=-318"

Event # = 21470		88/02/05		DOY=36	
88/02/05	12:05	SMM Pointing:		N20W01	
GOES	12:05	End times		Qual=03	
BCS	11:57	Importance=C2		FePeak=11:49	
FCS	11:46	CaPeak.c/s=24		dt= 7.7s	
UVSP	11:56	Wavelength=2788A		Step=0"	
		Code=01		Exp #=62345	
		Pitch=-399" ,Yaw=-164" ,Roll=-20deg		H.Ang=26deg	
		FePeak.c/s=16		#Peaks=1	
		Rast=0"x0"		Cad=1.02s	
		Rast=180"x1"		Pitch=-262" ,Yaw=+13"	
		Step=0"			
		MaxkeV=70			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			
		Rast=180"x1"		Step=0"	
		Pitch=+0" ,Yaw=+0" ,Roll=-20deg		H.Ang=0deg	
		MaxkeV=99			

Event # = 8736		88/02/29		DOY=60	
88/02/29, 09:56		N17E53		Pitch=-584", Yaw=+580", Roll=-20deg H. Ang=58deg	
Start					
GOES 09:51		Qual=01			
HXRBS 09:54:41		Importance=B7			
UVSP 10:08		Peak...c/s=73			
		Wavelength=2788A			
Tot Cts=299		MaxkeV=99		Step=0" Pitch=-449", Yaw=+508"	
Exp #=63114		Rast=180"x1"			
Event # = 8737		88/02/29		DOY=60	
88/02/29, 14:22		N17E51		Pitch=-579", Yaw=+558", Roll=-20deg H. Ang=56deg	
Start					
GOES 14:18		Qual=01			
HXRBS 14:19:19		Importance=B6			
UVSP 13:54		Peak...c/s=66			
		Wavelength=2788A			
Tot Cts=225		MaxkeV=70		Step=0" Pitch=-446", Yaw=+487"	
Exp #=63119		Rast=180"x1"			
Event # = 8757		88/03/01		DOY=61	
88/03/01, 04:56		S20E23		Pitch=-89", Yaw=+407", Roll=-20deg H. Ang=25deg	
Start					
Optical				Carr. Lon.=201deg H. Ang=19deg	
GOES 04:42		S20W15			
HXRBS 04:45:12		Qual=03			
UVSP 04:46		Qual=01			
		Code=00		Flags=M1, I	
Tot Cts=2200		MaxkeV=70		Step=0" Pitch=-94", Yaw=+397"	
Exp #=63149		Rast=10"x10"			
Event # = 21472		88/03/01		DOY=61	
88/03/01, 15:38		S20E17		Pitch=-112", Yaw=+321", Roll=-20deg H. Ang=21deg	
Start					
Optical				Mac.=DAI Carr. Lon.=162deg H. Ang=23deg	
GOES 15:33		S22E18			
BCS 15:35		Qual=01			
FCS		Qual= 1		#Peaks=1 dt= 7.7s XEN=806100	
UVSP 15:58		CaPeak.c/s=33		Step=0" Cad=1.02s 1.024s/pixel	
		Wavelength=2788A		Step=0" Pitch=-3", Yaw=+243"	
Event # = 21473		88/03/05		DOY=65	
88/03/05, 21:26		N20W18		Pitch=-314", Yaw=-416", Roll=-20deg H. Ang=33deg	
Start					
Optical				Mac.=DAI Carr. Lon.=141deg H. Ang=29deg	
GOES 20:30		N16W17			
BCS 21:17		Qual=03		#Peaks=1 dt= 7.7s XEN=806500	
FCS		Qual= 4		Step=0" Cad=1.02s 1.024s/pixel	
UVSP 21:23		FePeak=21:26		Step=5" Pitch=-306", Yaw=-407"	
Radio Sweeps		Code=00		Rast=265"x265"	
		Type/Intensity: III/1			
Event # = 8738		88/03/06		DOY=66	
88/03/06, 04:01		N20W22		Pitch=-294", Yaw=-466", Roll=-20deg H. Ang=35deg	
Start					
GOES 03:57		Qual=01			
HXRBS 03:57:42		Importance=B5			
UVSP 04:15		Peak...c/s=63			
Radio		Wavelength=2788A		Step=0" Pitch=-157", Yaw=-286"	
Frequency (MHz)/Flux(sfu):		245/64			
Tot Cts=217		MaxkeV=70			
Exp #=63340		Rast=180"x1"			



[illegible]



Event # = 21480	88/03/12, 04:31	DOY=72	Start	End times	SMM Pointing:	S23E88	Pitch=+48", Yaw=+963", Roll=-20deg	H.Ang=85deg
Optical		Peak			Ha...Class=SF		Mac.=BX0	
GOES	04:20	04:31	04:45		Importance=C7	Qual=03		
BCS	04:25	04:30	04:43		CaPeak.c/s=323	Qual=1		
FCS					WaveLength=2788A	Code=02		
UVSP	04:37				Exp #=63610			
Event # = 21481	88/03/12, 05:53	DOY=72	Start	End times	SMM Pointing:	S23E88	Pitch=+48", Yaw=+963", Roll=-20deg	H.Ang=85deg
GOES	05:49	05:53	06:01		Importance=C1	Qual=01		
BCS	05:50	05:53	05:55		CaPeak.c/s=30	Qual=1		
FCS					WaveLength=2788A			
UVSP	06:10				Exp #=63612			
Event # = 21482	88/03/12, 06:48	DOY=72	Start	End times	SMM Pointing:	S23E88	Pitch=+48", Yaw=+963", Roll=-20deg	H.Ang=85deg
GOES	06:31	06:48	07:07		Importance=C2	Qual=05		
BCS	06:54	06:54	06:58		CaPeak.c/s=23	Qual=5		
FCS					WaveLength=2788A	Code=00		
UVSP	06:43				Exp #=63613			
Event # = 8744	88/03/12, 10:23	DOY=72	Start	End times	SMM Pointing:	S23E88	Pitch=+48", Yaw=+963", Roll=-20deg	H.Ang=85deg
GOES	10:21	10:23	10:32		Importance=C7	Qual=01		
HXRBS	10:23:10	10:23:23	10:23:40		Peak...c/s=54	Qual=01		
UVSP	09:53				WaveLength=2788A			
Event # = 21483	88/03/12, 10:56	DOY=72	Start	End times	SMM Pointing:	S23E88	Pitch=+48", Yaw=+963", Roll=-20deg	H.Ang=85deg
GOES	10:46	10:56	11:06		Importance=C1	Qual=03		
BCS	10:52	10:55	10:58		CaPeak.c/s=20	Qual=1		
FCS					WaveLength=2788A	Code=00		
UVSP	10:53				Exp #=63618			
Event # = 8745	88/03/12, 15:18	DOY=72	Start	End times	SMM Pointing:	S23E79	Pitch=+48", Yaw=+963", Roll=-20deg	H.Ang=77deg
Optical		Peak			Ha...Class=1N		Mac.=DSI	
GOES	15:11	15:18	15:57		Importance=C5	Qual=01		
HXRBS	15:11:07	15:11:42	15:16:48		Peak...c/s=102	Qual=01		
BCS	15:14	15:18	15:35		CaPeak.c/s=227	Qual=1		
FCS					WaveLength=2788A			
UVSP	15:35				Exp #=63624			
Radio	Frequency (MHz)/Flux(sfu):	2695/53	4995/41	8800/26				

Event # = 21484									
88/03/12, 16:47		DOY=72							
Start		Peak							
End times									
GOES	16:40	16:47	Importance=B8	Qual=01	FePeak=16:46	dt= 7.7s	XEN=807205		
BCS	16:46	16:46	CaPeak.c/s=22	Qual= 8		Cad=1083s	2.048s/pixel		
FCS	16:46					Pitch=+55"	Yaw=+975"		
UVSP	16:20		Wavelength=2788A	Code=00	Exp #=63625	Step=3"			
88/03/13 DOY=73									
88/03/13, 20:41		DOY=73							
Start		Peak							
End times									
Optical			SMM Pointing:	S25E63		Pitch=+67"	Yaw=+854"	Roll=-20deg	H.Ang=62deg
GOES	20:33	20:41	Ha...Class=SF	S25E68	AR4964	Mac.=DSI	Carr. Lon.=311deg	H.Ang=67deg	
BCS	20:37	20:41	Importance=B9	Qual=01		FePeak.c/s=7	dt= 7.7s	XEN=807300	
FCS	20:37	20:41	CaPeak.c/s=19	Qual= 4	FePeak=20:40	Rast=0"x0"	Cad=1.02s	1.024s/pixel	
UVSP	20:36		Wavelength=1375A	Code=00	Exp #=63693	Rast=10"x10"	Step=0"	Pitch=+86"	Yaw=+874"
Event # = 8746									
88/03/13, 21:16		DOY=73							
Start		Peak							
End times									
Optical			SMM Pointing:	S25E63		Pitch=+67"	Yaw=+854"	Roll=-20deg	H.Ang=62deg
GOES	21:05	21:16	Ha...Class=SF	S25E68	AR4964	Mac.=DSI	Carr. Lon.=311deg	H.Ang=67deg	
HXRBS	21:06:17	21:06:57	Importance=C3	Qual=02		MaxkeV=99			
BCS	21:06	21:10	Peak...c/s=144	Qual=01	Tot Cts=1922	FePeak.c/s=20	dt= 3.8s	XEN=807301	
FCS	21:06	21:12	CaPeak.c/s=112	Qual= 1	FePeak=21:10	Rast=25"x25"	Cad=25.6s	1.024s/pixel	
UVSP	21:09		Wavelength=1375A	Code=01	Exp #=63697	Rast=10"x10"	Step=0"	Pitch=+41"	Yaw=+856"
Event # = 21487									
88/03/13, 22:08		DOY=73							
Start		Peak							
End times									
Optical			SMM Pointing:	S25E63		Pitch=+67"	Yaw=+854"	Roll=-20deg	H.Ang=62deg
GOES	22:07	22:08	Importance=C1	Qual=04		FePeak.c/s=7	dt= 7.7s	XEN=807302	
BCS	22:07	22:08	CaPeak.c/s=19	Qual= 4	FePeak=22:08	Rast=0"x0"	Cad=1.02s	1.024s/pixel	
FCS	22:08	22:09	Wave length=1375A	Code=00	Exp #=63698	Rast=265"x265"	Step=5"	Pitch=+75"	Yaw=+860"
UVSP	22:06								
88/03/14 DOY=74									
88/03/14, 01:20		DOY=74							
Start		Peak							
End times									
Optical			SMM Pointing:	S25E61		Pitch=+766"	Yaw=-353"	Roll=90deg	H.Ang=61deg
GOES	01:17	01:20	Importance=C1	Qual=00		FePeak.c/s=8	dt= 7.7s	XEN=807400	
BCS	01:17	01:20	CaPeak.c/s=24	Qual= 4	FePeak=01:17	Rast=0"x0"	Cad=1.02s	1.024s/pixel	
FCS	01:17	01:26	Wave length=2788A	Code=00	Exp #=63705	Rast=180"x1"	Step=0"	Pitch=-121"	Yaw=-71"
UVSP	01:06								
Event # = 21488									
88/03/14, 04:46		DOY=74							
Start		Peak							
End times									
Optical			SMM Pointing:	S25E59		Pitch=+70"	Yaw=+825"	Roll=-20deg	H.Ang=59deg
GOES	04:35	04:46	Importance=C1	Qual=01		FePeak.c/s=7	dt= 7.7s	XEN=807401	
BCS	04:35	04:46	CaPeak.c/s=28	Qual= 1	FePeak=04:36	Rast=0"x0"	Cad=1.02s	1.024s/pixel	
FCS	04:36	04:40	Wave length=2788A	Code=00	Exp #=63710	Rast=180"x1"	Step=0"	Pitch=-49"	Yaw=+74"
UVSP	05:16								



Event # = 21494									
88/03/14,16:34	Start	DOY=74	Peak	End times	SMM Pointing:	S25E53	Pitch=+76", Yaw=+771", Roll=-20deg	H. Ang=53deg	
Optical					Ha...Class=SF		Mac.=EAI		
GOES	16:18	16:34		16:57	Importance=C3	Qual=05	Carr. Lon.=312deg	H. Ang=57deg	
BCS	16:57	16:57		17:10	CaPeak.c/s=25	Qual= 5	#Peaks=1	dt= 0.1s	XEN=807408
FCS					Wavelength=2788A		Step=0"	Cad=1.02s	1.024s/pixel
UVSP	16:48				Type/Intensity:		Step=0"	Pitch=-40"	Yaw=+693"
Radio Sweeps					III/1	Exp #=63725			
Event # = 21495									
88/03/14,22:20	Start	DOY=74	Peak	End times	SMM Pointing:	S25E49	Pitch=+86", Yaw=+740", Roll=-20deg	H. Ang=50deg	
Optical					Ha...Class=SF		Mac.=EAI		
GOES	22:17	22:20		22:31	Importance=C1	Qual=01	Carr. Lon.=312deg	H. Ang=54deg	
BCS	22:18	22:19		22:21	CaPeak.c/s=34	Qual= 1	#Peaks=1	dt= 7.7s	XEN=807409
FCS					Wavelength=1375A	Code=00	Step=0"	Cad=1.02s	1.024s/pixel
UVSP	22:16				Type/Intensity:		Step=0"	Pitch=+66"	Yaw=+701"
Event # = 21496									
88/03/14,23:23	Start	DOY=74	Peak	End times	SMM Pointing:	S25E49	Pitch=+86", Yaw=+740", Roll=-20deg	H. Ang=50deg	
Optical					Ha...Class=1N		Mac.=EAI		
GOES	23:00	23:23		23:49	Importance=C7	Qual=04	Carr. Lon.=309deg	H. Ang=56deg	
BCS	23:14	23:15		00:02	CaPeak.c/s=424	Qual= 4	#Peaks=1	dt= 3.8s	XEN=807410
FCS					Wavelength=1375A	Code=00	Step=0"	Cad=4.10s	4.096s/pixel
UVSP	23:17				Type/Intensity:		Step=0"	Pitch=+77"	Yaw=+726"
Event # = 21497									
88/03/15,00:47	Start	DOY=75	Peak	End times	SMM Pointing:	S25E48	Pitch=+88", Yaw=+729", Roll=-20deg	H. Ang=49deg	
GOES					Qual=00				
BCS	00:46	00:47		01:02	CaPeak.c/s=26	Qual= 5	#Peaks=1	dt= 7.7s	XEN=807510
FCS					Wavelength=2788A		Step=0"	Cad=1.02s	1.024s/pixel
UVSP	00:39				Type/Intensity:		Step=0"	Pitch=-32"	Yaw=+652"
Event # = 8749									
88/03/15,09:28	Start	DOY=75	Peak	End times	SMM Pointing:	S07W00	Pitch=+5", Yaw=-1", Roll=-4deg	H. Ang=0deg	
Optical					Ha...Class=SN		Mac.=EKI		
GOES	09:18	09:28		09:38	Importance=M3	Qual=03	Carr. Lon.=313deg	H. Ang=47deg	
HXRBS	09:22:21	09:26:02		09:33:57	Peak...c/s=557	Qual=01	Flags=M1		
Radio					Frequency(MHz)/Flux(sfu):	2695/34 4995/24 8800/68 15400/110	MaxkeV=160		
Event # = 8751									
88/03/15,10:49	Start	DOY=75	Peak	End times	SMM Pointing:	S07W00	Pitch=+5", Yaw=-1", Roll=-4deg	H. Ang=0deg	
GOES	10:47	10:49		10:58	Importance=C1	Qual=01			
HXRBS	10:49:39	10:49:44		10:50:12	Peak...c/s=67	Qual=01	MaxkeV=70		

Event # = 8750									
88/03/15, 11:54	DOY=75	Start	Peak	End times					
Optical					Ha...Class=1B	S23E47	AR4964	Mac.=EKI	Carr. Lon.=310deg H. Ang=48deg
G0ES 11:40	11:54	12:40			Importance=M6	Qual=01			
HXRBS 11:47:00	11:51:54	11:58:18			Peak...c/s=944	Qual=01			
Radio Frequency(MHz)/Flux(sfu):	8800/54	15400/110					Tot Cts=1.38E+5	MaxkeV=222	Flags=M1, NS, GB
Event # = 8752									
88/03/15, 13:37	DOY=75	Start	Peak	End times					
Optical					Ha...Class=SF	S24E41	AR4964	Mac.=EKI	Carr. Lon.=315deg H. Ang=43deg
G0ES 13:25	13:37	14:06			Importance=C6	Qual=01			
HXRBS 13:24:07	13:28:13	13:34:58			Peak...c/s=374	Qual=01	Tot Cts=10775	MaxkeV=190	
Event # = 21498									
88/03/15, 15:46	DOY=75	Start	Peak	End times	SMM Pointing:	S25E40		Pitch=+109", Yaw=+637", Roll=-20deg	H. Ang=42deg
G0ES 15:41	15:46	15:58			Importance=C2	Qual=04			
BCS 15:48	15:48	15:52			CaPeak.c/s=45	Qual=5	FePeak=15:48	dt= 3.8s	XEN=807500
FCS								Step=5"	Cad=25.6s
UVSP 15:47					Wavelength=2788A	Code=02	Exp #=63751	Step=0"	Pitch=-11", Yaw=+565"
Event # = 21499									
88/03/15, 16:19	DOY=75	Start	Peak	End times	SMM Pointing:	S25E40		Pitch=+109", Yaw=+637", Roll=-20deg	H. Ang=42deg
Optical					Ha...Class=1B	S24E41	AR4964	Mac.=EKI	Carr. Lon.=314deg H. Ang=43deg
G0ES 16:11	16:19	17:04			Importance=M7	Qual=05			
BCS 16:29	16:29	16:58			CaPeak.c/s=229	Qual=5	FePeak=16:29	dt= 3.8s	XEN=807501
FCS								Step=15"	Cad= 131s
UVSP 16:28					Wavelength=1375A	Code=02	Exp #=63752	Step=5"	Pitch=+118", Yaw=+643"
Event # = 21500									
88/03/15, 20:11	DOY=75	Start	Peak	End times	SMM Pointing:	S25E38		Pitch=+115", Yaw=+617", Roll=-20deg	H. Ang=41deg
G0ES 20:06	20:11	20:12			Importance=C1	Qual=01			
BCS 20:09	20:10	20:12			CaPeak.c/s=28	Qual=1	FePeak=20:10	dt= 7.7s	XEN=807502
FCS								Step=0"x0"	Cad=1.02s
UVSP 20:11					Wavelength=1375A	Code=02	Exp #=63765	Step=5"	Pitch=+124", Yaw=+620"
Event # = 21501									
88/03/15, 21:14	DOY=75	Start	Peak	End times	SMM Pointing:	S25E37		Pitch=+117", Yaw=+607", Roll=-20deg	H. Ang=40deg
Optical					Ha...Class=1B	S22E34	AR4964	Mac.=EKI	Carr. Lon.=318deg H. Ang=36deg
G0ES 21:14	21:14	21:33			CaPeak.c/s=39	Qual=5	FePeak=21:17	dt= 7.7s	XEN=807503
BCS 21:14	21:14	21:33						Step=0"x0"	Cad= 180s
FCS					Wavelength=1375A		Exp #=63767	Step=5"	Pitch=+126", Yaw=+614"
UVSP 21:11									
Radio Frequency(MHz)/Flux(sfu):	606/32	1415/19	2695/34	4995/55	8800/74	15400/47			

Event # = 21502									
88/03/15	22:47	DOY=75	End times	SMM Pointing:	S25E36		Pitch=+120", Yaw=+597", Roll=-20deg	H.Ang=39deg	
Optical		Peak		Ha...Class=1B	S24E34	AR4964	Mac.=EKI	Carr.Lon.=317deg	H.Ang=37deg
GOES	22:45	22:47	23:32	CaPeak.c/s=54	Qual=00	FePeak=22:47	FePeak.c/s=7	#Peaks=1	dt= 3.8s
BCS	22:45	22:47	23:32	CaPeak.c/s=54	Qual=00	FePeak=22:47	Rast=0"x0"	Step=0"	Cad=4.10s
FCS	22:45	22:47	23:32	CaPeak.c/s=54	Qual=00	FePeak=22:47	Rast=265"x265"	Step=5"	Pitch=+129", Yaw=+604"
UVSP	22:46	22:47	23:32	CaPeak.c/s=54	Qual=00	FePeak=22:47	Exp #=63773		
Radio	Frequency(MHz)/Flux(sfu):	410/20	606/56	1415/110	2695/180	4995/120	8800/170	15400/58	
88/03/16 DOY=76									
Event # = 8758									
88/03/16	00:58	DOY=76	End times	SMM Pointing:	S25E35		Pitch=+502", Yaw=-314", Roll=90deg	H.Ang=38deg	
Optical		Peak					Mac.=FKI		
GOES	00:52	00:58	01:03	Importance=C4	Qual=01		MaxkeV=100	#Peaks=1	dt= 3.8s
HXRBS	00:54:37	00:55:17	00:56:27	Peak...c/s=187	Qual=01	Tot Cts=3014	FePeak.c/s=36	Step=5"	XEN=807618
BCS	00:55	00:58	01:12	CaPeak.c/s=221	Qual=1	FePeak=00:58	Rast=25"x25"	Step=0"	Cad=25.6s
FCS	00:55	00:58	01:12	CaPeak.c/s=221	Qual=1	FePeak=00:58	Rast=10"x10"	Step=0"	Pitch=+454", Yaw=-281"
UVSP	00:56	00:58	01:12	CaPeak.c/s=221	Qual=1	FePeak=00:58	Exp #=63784		
Event # = 8759									
88/03/16	01:59	DOY=76	End times	SMM Pointing:	S25E34		Pitch=+128", Yaw=+574", Roll=-20deg	H.Ang=37deg	
Optical		Peak							
GOES	01:53	01:59	02:09	Importance=C2	Qual=01		MaxkeV=70	#Peaks=1	dt= 3.8s
HXRBS	01:53:36	01:53:58	01:54:34	Peak...c/s=73	Qual=01	Tot Cts=592	FePeak.c/s=11	Step=5"	XEN=807600
BCS	01:56	01:58	02:07	CaPeak.c/s=59	Qual=1	FePeak=01:56	Rast=25"x25"	Step=3"	Cad=25.6s
FCS	01:56	01:58	02:07	CaPeak.c/s=59	Qual=1	FePeak=01:56	Rast=243"x243"	Step=3"	Pitch=+134", Yaw=+583"
UVSP	01:56	01:58	02:07	CaPeak.c/s=59	Qual=1	FePeak=01:56	Exp #=63788		
Event # = 21503									
88/03/16	02:56	DOY=76	End times	SMM Pointing:	S25E34		Pitch=+128", Yaw=+574", Roll=-20deg	H.Ang=37deg	
Optical		Peak					Mac.=FHI	Carr.Lon.=315deg	H.Ang=38deg
GOES	02:41	02:56	03:38	Ha...Class=1M	S28E34	AR4964	FePeak.c/s=10	#Peaks=1	dt= 7.7s
BCS	02:44	02:48	02:50	Importance=M1	Qual=02	FePeak=02:47	Rast=0"x0"	Step=0"	XEN=807601
FCS	02:44	02:48	02:50	CaPeak.c/s=32	Qual=1	FePeak=02:47	Rast=180"x1"	Step=0"	Cad= 860s
UVSP	03:18	03:31	03:46	Wavelength=2788A	Associated	Exp #=63789	Event # = 21504		Pitch=+8", Yaw=+491"
BCS	03:28	03:31	03:46	CaPeak.c/s=23	Qual=4	FePeak=03:28	FePeak.c/s=6	#Peaks=1	dt= 0.1s
FCS	03:28	03:31	03:46	CaPeak.c/s=23	Qual=4	FePeak=03:28	Rast=0"x0"	Step=0"	XEN=807602
Event # = 8762									
88/03/16	04:23	DOY=76	End times	SMM Pointing:	S25E33		Pitch=+129", Yaw=+561", Roll=-20deg	H.Ang=37deg	
Optical		Peak							
GOES	04:18	04:23	04:56	Importance=M1	Qual=03		MaxkeV=129	#Peaks=1	dt= 0.1s
HXRBS	04:19:24	04:19:51	04:23:26	Peak...c/s=426	Qual=01	Tot Cts=24834	FePeak.c/s=152	Step=5"	XEN=807616
BCS	04:19	04:22	04:24	CaPeak.c/s=347	Qual=2	FePeak=04:22	Rast=25"x25"	Step=0"	Cad=25.6s
FCS	04:19	04:22	04:24	CaPeak.c/s=347	Qual=2	FePeak=04:22	Rast=180"x1"	Step=0"	Pitch=+10", Yaw=+484"
UVSP	04:20	04:22	04:24	CaPeak.c/s=347	Qual=2	FePeak=04:22	Exp #=63790		

Event # = 8831									
88/03/16,05:59	D0Y=76	Start	Peak	End times	SMM Pointing:	S25E33	Pitch=+132",Yaw=+551",Roll=-20deg	H.Ang=36deg	
Optical					Ha...Class=SN	S22E29	Mac.=FHI	Carr.Lon.=318deg	H.Ang=32deg
GOES 05:50	05:59	06:21			Importance=M2	Qual=02			
HXRBS 05:52:35	05:56:52	05:57:30			Peak...c/s=586	Qual=03			
BCS 05:47	05:56	05:58			CaPeak.c/s=528	Qual=1			
FCS									
UVSP 05:54					Wavelength=2788A	Code=00			
Radio					Frequency(MHz)/Flux(sfu):	2695/29 4995/31 8800/52 15400/33			
Event # = 21505									
88/03/16,06:36	D0Y=76	Start	Peak	End times	SMM Pointing:	S25E32	Pitch=+135",Yaw=+540",Roll=-20deg	H.Ang=35deg	
GOES						Qual=00			
BCS 06:36	06:36	07:32			CaPeak.c/s=82	Qual=2			
FCS									
UVSP 06:28					Wavelength=2788A				
Event # = 8763									
88/03/16,07:32	D0Y=76	Start	Peak	End times	SMM Pointing:	S25E32	Pitch=+135",Yaw=+540",Roll=-20deg	H.Ang=35deg	
GOES					Importance=C4	Qual=01			
HXRBS 07:27	07:32	07:38			Peak...c/s=127	Qual=01			
UVSP 07:27	07:27:49	07:30:41			Wavelength=2788A	Code=00			
Radio					Frequency(MHz)/Flux(sfu):	1415/10			
Event # = 21506									
88/03/16,08:17	D0Y=76	Start	Peak	End times	SMM Pointing:	S25E31	Pitch=+138",Yaw=+529",Roll=-20deg	H.Ang=34deg	
GOES						Qual=00			
BCS 08:14	08:17	08:35			CaPeak.c/s=23	Qual=4			
FCS									
UVSP 08:01					Wavelength=2788A				
Event # = 8753									
88/03/16,09:49	D0Y=76	Start	Peak	End times	SMM Pointing:	S25E30	Pitch=+141",Yaw=+519",Roll=-20deg	H.Ang=34deg	
Optical					Ha...Class=1N	S22E29	Mac.=FHI	Carr.Lon.=316deg	H.Ang=32deg
GOES 09:44	09:49	09:53			Importance=M1	Qual=01			
HXRBS 09:45:22	09:47:15	09:51:57			Peak...c/s=535	Qual=01			
BCS 09:45	09:49	10:09			CaPeak.c/s=600	Qual=1			
FCS									
UVSP 09:35					Wavelength=2788A	Code=01			
Event # = 8754									
88/03/16,09:56	D0Y=76	Start	Peak	End times	SMM Pointing:	S25E30	Pitch=+141",Yaw=+519",Roll=-20deg	H.Ang=34deg	
GOES					Importance=C6	Qual=06			
HXRBS 09:53	09:56	10:40			Peak...c/s=82	Qual=01			
BCS 09:54:42	09:54:57	09:56:44			CaPeak.c/s=26	Qual=5			
FCS									
UVSP 09:35					Wavelength=2788A	Code=01			
Event # = 8754									
88/03/16,09:56	D0Y=76	Start	Peak	End times	SMM Pointing:	S25E30	Pitch=+141",Yaw=+519",Roll=-20deg	H.Ang=34deg	
GOES					Importance=C6	Qual=06			
HXRBS 09:53	09:56	10:40			Peak...c/s=82	Qual=01			
BCS 09:54:42	09:54:57	09:56:44			CaPeak.c/s=26	Qual=5			
FCS									
UVSP 09:35					Wavelength=2788A	Code=01			

----- Associated Event # = 21507 -----									
BCS	10:09	10:09	10:18	CaPeak.c/s=26	Qual= 5	FePeak=10:09	#Peaks=1	dt= 7.7s	XEN=807606
FCS							Step=0"	Cad= 860s	860.4s/pixel
UVSP	10:37			Wavelength=2788A		Exp #=63798	Step=0"	Pitch=+22"	Yaw=+442"
-----									
Event # = 8755									
88/03/16,11:46	DOY=76	Peak	End times	SMM Pointing:	S25E29		Pitch=+144"	Yaw=+508"	Roll=-20deg
Optical				Ha...Class=SF			Mac.=FHI		
GOES	11:36	11:46	11:49	Importance=C3	Qual=01	AR4964		Carr.Lon.=315deg	H.Ang=33deg
HXRBS	11:44:25	11:44:44	11:45:53	Peak...c/s=57	Qual=01	Tot Cts=490	MaxkeV=70		
UVSP	12:10			Wavelength=2788A		Exp #=63800	Rast=180"x1"	Step=0"	Pitch=+25", Yaw=+431"
-----									
Event # = 21508									
88/03/16,11:58	DOY=76	Peak	End times	SMM Pointing:	S25E29		Pitch=+144"	Yaw=+508"	Roll=-20deg
GOES	11:57	11:58	12:05	Importance=C1	Qual=01	FePeak=11:59	FePeak.c/s=10	#Peaks=2	dt= 7.7s
BCS	11:54	11:58	12:04	CaPeak.c/s=27	Qual= 1		Rast=0"x0"	Cad=4.10s	XEN=807608
FCS							Rast=180"x1"	Step=0"	Pitch=+25", Yaw=+431"
UVSP	12:10			Wavelength=2788A		Exp #=63800			
-----									
Event # = 8760									
88/03/16,13:30	DOY=76	Peak	End times	SMM Pointing:	S25E28		Pitch=+147"	Yaw=+497"	Roll=-20deg
GOES	13:21	13:30	13:36	Importance=C2	Qual=01		MaxkeV=70		
HXRBS	13:28:55	13:29:03	13:29:18	Peak...c/s=78	Qual=01	Tot Cts=199	Rast=180"x1"	Step=0"	Pitch=+28", Yaw=+420"
UVSP	13:45			Wavelength=2788A		Exp #=63802			
-----									
Event # = 8761									
88/03/16,13:46	DOY=76	Peak	End times	SMM Pointing:	S25E28		Pitch=+147"	Yaw=+497"	Roll=-20deg
Optical				Ha...Class=SN	S24E24		Mac.=FKI	Carr.Lon.=319deg	H.Ang=29deg
GOES	13:39	13:46	13:50	Importance=C3	Qual=03		MaxkeV=70		
HXRBS	13:43:05	13:44:09	13:44:41	Peak...c/s=55	Qual=01	Tot Cts=472	FePeak.c/s=32	#Peaks=3	dt= 7.7s
BCS	13:01	13:45	13:49	CaPeak.c/s=129	Qual= 1	FePeak=13:45	Rast=0"x0"	Cad=4.10s	XEN=807609
FCS							Rast=180"x1"	Step=0"	Pitch=+28", Yaw=+420"
UVSP	13:45			Wavelength=2788A	Code=00	Exp #=63802			
-----									
Event # = 21509									
88/03/16,14:29	DOY=76	Peak	End times	SMM Pointing:	S25E28		Pitch=+147"	Yaw=+497"	Roll=-20deg
Optical				Ha...Class=SF	S24E25	AR4964	Mac.=FHI	Carr.Lon.=318deg	H.Ang=29deg
GOES	14:27	14:29	14:54	CaPeak.c/s=64	Qual= 4	FePeak=14:30	FePeak.c/s=11	#Peaks=1	dt= 3.8s
BCS							Rast=0"x0"	Cad=4.10s	XEN=807610
FCS							Rast=180"x1"	Step=0"	Pitch=+30", Yaw=+416"
UVSP	14:18			Wavelength=2788A		Exp #=63803			
-----									
Event # = 21510									
88/03/16,15:22	DOY=76	Peak	End times	SMM Pointing:	S25E28		Pitch=+151"	Yaw=+487"	Roll=-20deg
Optical				Ha...Class=SF	S22E26	AR4964	Mac.=FHI	Carr.Lon.=316deg	H.Ang=29deg
GOES	15:19	15:22	15:38	Importance=C2	Qual=03	FePeak=15:21	FePeak.c/s=20	#Peaks=1	dt= 7.7s
BCS	15:18	15:21	15:23	CaPeak.c/s=48	Qual= 1		Rast=0"x0"	Cad=1.02s	XEN=807611
FCS							Rast=180"x1"	Step=0"	Pitch=+32", Yaw=+409"
UVSP	15:18			Wavelength=2788A	Code=00	Exp #=63804			



Event # = 21511									
88/03/16	15:47	Start	DOY=76	Peak	SMM Pointing:	S25E28	Pitch=+151", Yaw=+487", Roll=-20deg	H.Ang=32deg	
Optical		End times			Ha...Class=S8	S24E27	AR4964		
GOES	15:40	16:32	15:47	16:03	Importance=M1	Qual=05			
BCS	16:01	16:23	16:03		CaPeak.c/s=48	Qual= 5			
FCS					WaveLength=1375A				
UVSP	16:01				Exp #=63805				
Radio	Frequency(MHz)/Flux(sfu):				1415/10 2695/19 4995/36 8800/70 15400/70				
Event # = 8764									
88/03/16	19:39	Start	DOY=76	Peak	SMM Pointing:	S25E25	Pitch=+161", Yaw=+453", Roll=-20deg	H.Ang=30deg	
Optical		End times			Ha...Class=SF	S25E14	AR4964		
GOES	19:35	19:53	19:39	19:43	Importance=C7	Qual=01			
HXRBS	19:35:03	19:35:33	19:35:33	19:36:52	Peak...c/s=182	Qual=01			
BCS	19:09	19:37	19:37		CaPeak.c/s=227	Qual= 1			
FCS					WaveLength=1375A				
UVSP	19:30				Code=00	Exp #=63816			
Event # = 21512									
88/03/16	20:41	Start	DOY=76	Peak	SMM Pointing:	S25E25	Pitch=+161", Yaw=+453", Roll=-20deg	H.Ang=30deg	
GOES	20:32	20:41	20:41	20:50	Importance=C4	Qual=05			
BCS	20:46	20:46	20:46	21:04	CaPeak.c/s=44	Qual= 5			
FCS					WaveLength=1375A				
UVSP	20:43				Code=02	Exp #=63818			
Event # = 8765									
88/03/16	20:59	Start	DOY=76	Peak	SMM Pointing:	S25E24	Pitch=+164", Yaw=+442", Roll=-20deg	H.Ang=29deg	
GOES	20:51	21:03	20:59	21:03	Importance=C2	Qual=01			
HXRBS	20:54:38	20:54:46	20:54:46	20:54:54	Peak...c/s=70	Qual=01			
UVSP	20:46				WaveLength=1375A				
Event # = 8767									
88/03/16	22:45	Start	DOY=76	Peak	SMM Pointing:	S25E23	Pitch=+167", Yaw=+431", Roll=-20deg	H.Ang=29deg	
Optical		End times			Ha...Class=SN	S23E22	AR4964		
GOES	22:40	22:45	22:45	23:35	Importance=C5	Qual=03			
HXRBS	22:41:43	22:43:30	22:43:30	22:44:36	Peak...c/s=274	Qual=01			
BCS	22:17	22:44	22:44	23:03	CaPeak.c/s=118	Qual= 1			
FCS					WaveLength=1375A				
UVSP	22:38				Code=00	Exp #=63827			
Event # = 8768									
88/03/17	00:26	Start	DOY=77	Peak	SMM Pointing:	S25E23	Pitch=+171", Yaw=+419", Roll=-20deg	H.Ang=28deg	
GOES		End times			Qual=00				
HXRBS	00:26:29	00:26:43	00:26:43	00:27:10	Peak...c/s=77	Qual=01			
UVSP	00:24				WaveLength=1375A				
Event # = 8769									
88/03/17	00:24	Start	DOY=77	Peak	SMM Pointing:	S25E23	Pitch=+171", Yaw=+419", Roll=-20deg	H.Ang=28deg	
GOES		End times			Qual=00				
HXRBS	00:26:29	00:26:43	00:26:43	00:27:10	Peak...c/s=77	Qual=01			
UVSP	00:24				WaveLength=1375A				



Event # = 8772	88/03/17, 10:58	DOY=77	SMM Pointing:	S25E17	Pitch=+197", Yaw=+338", Roll=-20deg	H. Ang=24deg
Start	10:51	Peak	Importance=M3	Qual=01		
GOES	10:51	10:58	Peak...c/s=1463	Qual=01		
HXRBS	10:53:54	10:55:26	WaveLength=2788A	Code=01	Flags=M5	
UVSP	10:40		Frequency(MHz)/Flux(sfu):	1415/59 2695/120 4995/130	Step=0"	Pitch=+75", Yaw=+268"
Radio	11:04:43	11:05:25	Peak...c/s=66	Associated		
HXRBS	11:04:43	11:05:53	Qual=01	Event # = 8773		
				Tot Cts=679	MaxkeV=70	
Event # = 21515	88/03/17, 15:58	DOY=77	SMM Pointing:	S25E14	Pitch=+208", Yaw=+304", Roll=-20deg	H. Ang=22deg
Start	15:36	Peak	Importance=C1	Qual=03		
GOES	15:36	15:58	CaPeak.c/s=19	Qual= 4		
BCS	15:44	15:44	WaveLength=2788A		FePeak=15.45	XEN=807703
FCS					Rast=0"x0"	dt= 0.1s
UVSP	16:25				Rast=180"x1"	Cad=1.02s
					Exp #=63868	Pitch=+89", Yaw=+226"
Event # = 21516	88/03/17, 17:31	DOY=77	SMM Pointing:	S25E13	Pitch=+211", Yaw=+292", Roll=-20deg	H. Ang=22deg
Start	17:22	Peak	Ha...Class=SF	Qual=03	Mac.=FKI	
Optical	17:22	17:31	Importance=C3	Qual=03		
GOES	17:12	17:29	CaPeak.c/s=40	Qual= 2	Carr. Lon.=315deg	H. Ang=22deg
BCS			WaveLength=2788A			
FCS					FePeak.c/s=11	XEN=807704
UVSP	17:09				Rast=0"x0"	Cad= 514s
					Rast=243"x243"	Pitch=+219", Yaw=+303"
Exp #=63870						
Event # = 8776	88/03/17, 18:50	DOY=77	SMM Pointing:	S25E12	Pitch=+215", Yaw=+278", Roll=-20deg	H. Ang=21deg
Start	18:38	Peak	Ha...Class=SF	Qual=01	Mac.=FKI	
Optical	18:38	18:50	Importance=C2	Qual=01		
GOES	18:46:20	18:47:12	Peak...c/s=81	Qual=01	Carr. Lon.=317deg	H. Ang=19deg
HXRBS	18:48	18:49	CaPeak.c/s=67	Qual= 1		
BCS			WaveLength=1375A		MaxkeV=70	
FCS					FePeak.c/s=22	XEN=807705
UVSP	18:45				Rast=0"x0"	Cad= 514s
					Rast=10"x10"	Pitch=+210", Yaw=+214"
Exp #=63872						
Event # = 21517	88/03/17, 21:01	DOY=77	SMM Pointing:	S25E12	Pitch=+220", Yaw=+268", Roll=-20deg	H. Ang=21deg
Start	20:47	Peak	Ha...Class=SB	Qual=02	Mac.=FKI	
Optical	20:47	21:01	Importance=M2	Qual=02		
GOES	20:18	20:48	CaPeak.c/s=93	Qual= 2	Carr. Lon.=319deg	H. Ang=17deg
BCS			WaveLength=1375A			
FCS					FePeak.c/s=19	XEN=807706
UVSP	20:17				Rast=25"x25"	Cad=25.6s
Radio	22:25:43	22:28:19	Frequency(MHz)/Flux(sfu):	245/77 2695/16 4995/34 8800/25	Step=5"	Pitch=+227", Yaw=+279"
Event # = 8777	88/03/17, 22:35	DOY=77	SMM Pointing:	S25E11	Pitch=+224", Yaw=+256", Roll=-20deg	H. Ang=21deg
Start	22:25	Peak	Ha...Class=SF	Qual=02	Mac.=FKI	
Optical	22:25	22:35	Importance=C5	Qual=01		
GOES	22:25:43	22:28:19	Peak...c/s=89	Qual=01	Carr. Lon.=318deg	H. Ang=17deg
HXRBS	22:28	22:31	CaPeak.c/s=101	Qual= 3		
BCS			WaveLength=2788A			
FCS					MaxkeV=70	
UVSP	23:13				FePeak.c/s=19	XEN=807707
					Rast=25"x25"	Cad=25.6s
					Rast=180"x1"	Pitch=-121", Yaw=-71"
Exp #=63878						

[illegible]

Event # = 21522											
88/03/18	12:35	D0Y=78	SMM Pointing:			S25E03	Pitch=+261", Yaw=+145", Roll=-20deg			H.Ang=18deg	
	Start	Peak	End times								
GOES	12:28	12:35	Importance=C2			Qual=01					
BCS	12:31	12:35	CaPeak.c/s=22			Qual= 4	FePeak=12:43				
FCS							dt= 7.7s XEN=807804				
UVSP	12:33		Wavelength=1375A			Code=00	Rast=10"x10" Step=0" Cad=1.02s 1.024s/pixel			Pitch=+263", Yaw=+222"	
Event # = 12766											
88/03/18	16:25	D0Y=78	SMM Pointing:			S25E01	Pitch=+271", Yaw=+123", Roll=-20deg			H.Ang=18deg	
	Start	Peak	End times								
HXRBS	16:24:55	16:25:02	Peak...c/s=64			Qual=01	Tot Cts=271				
UVSP	16:38		Wavelength=1375A				Exp #=63940				
							MaxkeV=359 Flags=NS,GB			Pitch=+17", Yaw=-285"	
Event # = 21523											
88/03/18	19:45	D0Y=78	SMM Pointing:			S25W00	Pitch=+280", Yaw=+96", Roll=-20deg			H.Ang=18deg	
	Start	Peak	End times								
Optical			Ha...Class=SF			S23W05	Carr. Lon.=318deg			H.Ang=17deg	
GOES	19:33	19:45	Importance=C2			Qual=04					
BCS	19:45	19:45	CaPeak.c/s=22			Qual= 5	FePeak=19:45			XEN=807805	
FCS							Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel			Pitch=+291", Yaw=+99"	
UVSP	19:46		Wavelength=1375A			Code=02	Exp #=63948				
88/03/19 DOY=79											
Event # = 21524											
88/03/19	14:57	D0Y=79	SMM Pointing:			S25W11	Pitch=+338", Yaw=-56", Roll=-20deg			H.Ang=21deg	
	Start	Peak	End times								
Optical			Ha...Class=SF			S27W06	Carr. Lon.=309deg			H.Ang=21deg	
GOES	14:46	14:57	Importance=C1			Qual=01					
BCS	14:50	14:55	CaPeak.c/s=31			Qual= 3	FePeak=14:51			XEN=807900	
FCS							Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel			Pitch=+217", Yaw=+129"	
UVSP	14:28		Wavelength=2788A				Exp #=64009				
Event # = 8781											
88/03/19	23:05	D0Y=79	SMM Pointing:			S25W14	Pitch=+353", Yaw=-105", Roll=-20deg			H.Ang=22deg	
	Start	Peak	End times								
GOES	23:00	23:05	Importance=C1			Qual=01					
HXRBS	23:02:44	23:02:57	Peak...c/s=70			Qual=01	Tot Cts=368				
BCS	23:05	23:05	CaPeak.c/s=22			Qual= 1	FePeak=23:05			XEN=807901	
FCS							dt= 0.1s			Cad=1.02s 1.024s/pixel	
UVSP	23:03		Wavelength=1375A			Code=00	Exp #=64035			Pitch=+359", Yaw=-26"	
88/03/20 DOY=80											
Event # = 21525											
88/03/20	00:11	D0Y=80	SMM Pointing:			S25W14	Pitch=+353", Yaw=-105", Roll=-20deg			H.Ang=22deg	
	Start	Peak	End times								
Optical			Ha...Class=SF			S26W13	Carr. Lon.=311deg			H.Ang=23deg	
GOES						Qual=00					
BCS	23:59	00:11	CaPeak.c/s=51			Qual= 5	FePeak=00:02			XEN=807910	
FCS							dt= 3.8s			Cad=4.10s 4.096s/pixel	
UVSP	00:03		Wavelength=1375A				Exp #=64037			Pitch=+372", Yaw=-43"	



Event # = 21527									
88/03/21, 16:53	Start	DOY=81	Peak	End times	SMM Pointing:	S25W37		Pitch=+482", Yaw=-390", Roll=-20deg	H.Ang=40deg
Optical					Ha...Class=SF	S27W32	AR4964	Mac.=FK0	Carr.-Lon.=307deg
GOES	16:37	16:53		17:12	Importance=C1	Qual=04		FePeak.c/s=10	#Peaks=1 dt= 3.8s
BCS	16:46	16:51		17:03	CaPeak.c/s=46	Qual= 1	FePeak=16:48	Rast=0"x0"	Cad=1.02s
FCS								Rast=130"x130"	Step=5" Pitch=+501", Yaw=-325"
UVSP	16:51				Wavelength=1375A	Code=00	Exp #=64153		
Event # = 21528									
88/03/21, 21:27	Start	DOY=81	Peak	End times	SMM Pointing:	S25W39		Pitch=+491", Yaw=-410", Roll=-20deg	H.Ang=42deg
Optical					Ha...Class=SF	S24W38	AR4964	Mac.=FK0	Carr.-Lon.=311deg
GOES	21:17	21:27		21:59	Importance=C2	Qual=05		FePeak.c/s=10	#Peaks=1 dt= 3.8s
BCS	21:27	21:28		21:38	CaPeak.c/s=54	Qual= 5	FePeak=21:28	Rast=240"x240"	Cad= 131s
FCS								Rast=200"x200"	Step=5" Pitch=+502", Yaw=-405"
UVSP	21:28				Wavelength=1375A	Code=02	Exp #=64167		
88/03/22 DOY=82									
Event # = 8790									
88/03/22, 07:19	Start	DOY=82	Peak	End times	SMM Pointing:	S25W44		Pitch=+517", Yaw=-462", Roll=-20deg	H.Ang=46deg
GOES	07:04	07:19		07:52	Importance=C2	Qual=01		MaxkeV=70	
HXRBS	07:13:25	07:14:44		07:15:34	Peak...c/s=1604	Qual=01	Tot Cts=1352	Rast=180"x1"	Step=0" Pitch=+401", Yaw=-289"
UVSP	07:45				Wavelength=2788A		Exp #=64208		
							Event # = 8789		
							Tot Cts=183		
HXRBS	07:07:01	07:07:19		07:07:56	Associated	Qual=01		MaxkeV=70	
UVSP	06:47				Peak...c/s=54		Exp #=64207	Rast=180"x1"	Step=0" Pitch=+399", Yaw=-284"
					Wavelength=2788A				
Event # = 21529									
88/03/22, 14:44	Start	DOY=82	Peak	End times	SMM Pointing:	S25W49		Pitch=+539", Yaw=-505", Roll=-20deg	H.Ang=50deg
GOES	14:25	14:44		15:11	Importance=C1	Qual=05		FePeak.c/s=10	#Peaks=1 dt= 7.7s
BCS	14:43	14:44		14:49	CaPeak.c/s=25	Qual= 4	FePeak=14:45	Rast=0"x0"	Cad=1.02s
FCS								Rast=180"x1"	Step=0" Pitch=+419", Yaw=-322"
UVSP	14:37				Wavelength=2788A	Code=00	Exp #=64217		
Event # = 8791									
88/03/22, 21:00	Start	DOY=82	Peak	End times	SMM Pointing:	S25W52		Pitch=+554", Yaw=-535", Roll=-20deg	H.Ang=53deg
Optical					Ha...Class=SN	S28W48	AR4964	Mac.=EKO	Carr.-Lon.=308deg
GOES	20:49	21:00		21:04	Importance=C4	Qual=04		MaxkeV=100	
HXRBS	20:58:26	20:59:04		20:59:47	Peak...c/s=141	Qual=01	Tot Cts=1753	FePeak.c/s=23	#Peaks=1 dt= 3.8s
BCS	20:59	20:59		21:16	CaPeak.c/s=175	Qual= 4	FePeak=20:59	Rast=0"x0"	Cad=4.10s
FCS								Rast=265"x265"	Step=5" Pitch=+563", Yaw=-523"
UVSP	21:01				Wavelength=1375A	Code=02	Exp #=64230		
Radio Sweeps					111/3 V/3				
Radio Frequency(MHz)/Flux(sfu):					245/2300	410/180			

Event # = 8792		88/03/23		DOY=83	
88/03/23,01:55	DOY=83	SMM Pointing:		Pitch=+570",Yaw=-550",Roll=-20deg	
Optical	Start	End times		H.Ang=55deg	
Optical	Peak	S25W55		Mac.=DHI	
G0ES	01:51	Ha...Class=SN		Carr.Lon.=304deg	
HXRBS	01:51:50	Ha...Class=SF		Carr.Lon.=227deg	
BCS	01:53	Importance=C1		MaxkeV=70	
FCS	01:57	Peak...c/s=61		FePeak.c/s=8	
UVSP	01:35	CaPeak.c/s=33		dt= 7.7s	
Radio	Frequency(MHz)/Flux(sfu):	Wavelength=2788A Code=01		Step=0"	
		245/560 410/69 606/23		Cad=1.02s	
				Pitch=-121",Yaw=+184"	
				XEN=808300	
				Rast=0"x0"	
				Step=0"	
				Tot Cts=373	
				FePeak=01:54	
				Exp #=64243	
				MaxkeV=70	
				Rast=180"x1"	
				Step=0"	
				Pitch=+570",Yaw=-550",Roll=-20deg	
				H.Ang=55deg	
				Mac.=DHI	
				Carr.Lon.=304deg	
				Carr.Lon.=227deg	
				MaxkeV=70	
				Rast=180"x1"	
				Step=0"	
				Pitch=+449",Yaw=-375"	
				Tot Cts=382	
				Exp #=64244	
				MaxkeV=70	
				Rast=180"x1"	
				Step=0"	
				Pitch=+571",Yaw=-562",Roll=-20deg	
				H.Ang=56deg	
				Mac.=DHI	
				Carr.Lon.=304deg	
				Carr.Lon.=227deg	
				MaxkeV=70	
				Rast=180"x1"	
				Step=0"	
				Pitch=+456",Yaw=-387"	
				Tot Cts=1712	
				Exp #=64248	
				MaxkeV=100	
				Rast=180"x1"	
				Step=0"	
				Pitch=+585",Yaw=-589",Roll=-20deg	
				H.Ang=59deg	
				Mac.=DHI	
				Carr.Lon.=304deg	
				Carr.Lon.=227deg	
				MaxkeV=70	
				Rast=180"x1"	
				Step=0"	
				Pitch=+464",Yaw=-402"	
				Tot Cts=338	
				Exp #=64253	
				MaxkeV=100	
				Rast=180"x1"	
				Step=0"	
				Pitch=+585",Yaw=-589",Roll=-20deg	
				H.Ang=59deg	
				Mac.=DHI	
				Carr.Lon.=304deg	
				Carr.Lon.=227deg	
				MaxkeV=70	
				Rast=180"x1"	
				Step=0"	
				Pitch=+466",Yaw=-405"	
				Tot Cts=456	
				FePeak=10:27	
				Exp #=64254	
				MaxkeV=70	
				Rast=180"x1"	
				Step=0"	
				Pitch=+466",Yaw=-405"	
				Tot Cts=456	
				FePeak=10:27	
				Exp #=64254	
				MaxkeV=70	
				Rast=180"x1"	
				Step=0"	
				Pitch=+466",Yaw=-405"	
				Tot Cts=456	
				FePeak=10:27	
				Exp #=64254	
				MaxkeV=70	
				Rast=180"x1"	
				Step=0"	
				Pitch=+466",Yaw=-405"	
				Tot Cts=456	
				FePeak=10:27	
				Exp #=64254	
				MaxkeV=70	
				Rast=180"x1"	
				Step=0"	
				Pitch=+466",Yaw=-405"	
				Tot Cts=456	
				FePeak=10:27	
				Exp #=64254	
				MaxkeV=70	
				Rast=180"x1"	
				Step=0"	
				Pitch=+466",Yaw=-405"	
				Tot Cts=456	
				FePeak=10:27	
				Exp #=64254	
				MaxkeV=70	
				Rast=180"x1"	
				Step=0"	
				Pitch=+466",Yaw=-405"	
				Tot Cts=456	
				FePeak=10:27	
				Exp #=64254	
				MaxkeV=70	
				Rast=180"x1"	
				Step=0"	
				Pitch=+466",Yaw=-405"	
				Tot Cts=456	
				FePeak=10:27	
				Exp #=64254	
				MaxkeV=70	
				Rast=180"x1"	
				Step=0"	
				Pitch=+466",Yaw=-405"	
				Tot Cts=456	
				FePeak=10:27	
				Exp #=64254	
				MaxkeV=70	
				Rast=180"x1"	
				Step=0"	
				Pitch=+466",Yaw=-405"	
				Tot Cts=456	
				FePeak=10:27	
				Exp #=64254	
				MaxkeV=70	
				Rast=180"x1"	
				Step=0"	
				Pitch=+466",Yaw=-405"	
				Tot Cts=456	
				FePeak=10:27	
				Exp #=64254	
				MaxkeV=70	
				Rast=180"x1"	
				Step=0"	
				Pitch=+466",Yaw=-405"	
				Tot Cts=456	
				FePeak=10:27	
				Exp #=64254	





Event # = 8800	DOY=84	S25W70	Pitch=+627", Yaw=-648", Roll=-20deg	H. Ang=69deg
88/03/24, 10:30	Peak			
GOES	09:35 10:30	End times		
HXRBS	09:36:24 09:37:20 09:38:38	Importance=M4		
BCS	09:38 09:41	Peak...c/s=136		
FCS		CaPeak.c/s=64		
UVSP	10:33	Wavelength=2788A		
Radio	Frequency (MHz)/Flux(sfu):	410/57 606/16 1415/12 2695/31		
			MaxkeV=70	
			FePeak.c/s=21	#Peaks=1 dt= 3.8s XEN=808400
			Rast=0"x0"	Step=0" Cad=4.10s 4.096s/pixel
			Rast=180"x1"	Step=0" Pitch=+514", Yaw=-472"
Event # = 8801	DOY=84	S25W73	Pitch=+636", Yaw=-658", Roll=-20deg	H. Ang=72deg
88/03/24, 14:05	Peak			
Optical				
GOES	13:52 14:05	End times		
HXRBS	13:52:17 13:54:29 13:56:50	Ha...Class=SF		
UVSP	14:38	Importance=C3		
		Peak...c/s=68		
		Wavelength=2788A		
			Mac.=DA0	Carr. Lon.=161deg H. Ang=79deg
			MaxkeV=70	
			Rast=180"x1"	Step=0" Pitch=+521", Yaw=-479"
Event # = 8802	DOY=84	N21E82	Pitch=-643", Yaw=+713", Roll=-20deg	H. Ang=85deg
88/03/24, 20:35	Peak			
Optical				
Optical				
GOES	20:26 20:35	End times		
HXRBS	20:26:10 20:31:00 20:33:40	Ha...Class=SF		
UVSP	20:24	Importance=C3		
Radio Sweeps	Type/Intensity:	Peak...c/s=135		
		Wavelength=1375A		
		V/2		
			Mac.=DAI	Carr. Lon.=305deg H. Ang=70deg
			MaxkeV=100	
			Rast=10"x10"	Step=0" Pitch=-657", Yaw=+681"
Event # = 8804	DOY=84	N21E82	Pitch=-643", Yaw=+713", Roll=-20deg	H. Ang=85deg
88/03/24, 21:43	Peak			
Optical				
Optical				
GOES	21:38 21:43	End times		
HXRBS	21:39:46 21:40:54 21:48:08	Ha...Class=SN		
BCS	21:41 21:43	Importance=C3		
FCS		Peak...c/s=141		
UVSP	21:41	CaPeak.c/s=126		
		Wavelength=1375A		
		Associated		
		Event # = 8803		
HXRBS	21:39:08 21:39:16 21:39:39	Qual=01		
UVSP	21:37	Peak...c/s=66		
		Wavelength=1375A		
			Mac.=DA0	Carr. Lon.=163deg H. Ang=74deg
			MaxkeV=70	
			FePeak.c/s=24	#Peaks=1 dt= 3.8s XEN=808401
			Rast=0"x0"	Step=0" Cad=4.10s 4.096s/pixel
			Rast=10"x10"	Step=0" Pitch=-652", Yaw=+661"
			MaxkeV=70	
			Rast=265"x265"	Step=5" Pitch=-634", Yaw=+728"
Event # = 8805	DOY=85	Qual=00		
88/03/25, 00:53	Peak			
GOES				
HXRBS	00:52:49 00:53:03 00:53:14	Peak...c/s=144		
UVSP	00:49	Wavelength=1375A		
			MaxkeV=160	
			Rast=10"x10"	Step=0" Pitch=-662", Yaw=+671"

Event # = 8806									
88/03/25,01:38	Start	DOY=85	Peak	End times					
G0ES	01:31	01:38	01:51	Importance=C1	Qual=01				
HXRBS	01:32:08	01:36:04	01:38:25	Peak...c/s=90	Qual=01				
UVSP	01:37			Wavelength=1375A	Code=00	Tot Cts=2378	MaxkeV=70	Pitch=-634"	Yaw=-728"
Radio Sweeps	Type/Intensity:			V/2		Exp #=64337	Rast=265"x265"	Step=5"	
Radio Frequency(MHz)/Flux(sfu):	245/290	410/28	606/26						
Event # = 8807									
88/03/25,03:16	Start	DOY=85	Peak	End times					
G0ES	03:11	03:16	03:23	Importance=C1	Qual=03				
HXRBS	03:13:06	03:13:55	03:14:07	Peak...c/s=102	Qual=01				
UVSP	03:10			Wavelength=2788A	Code=00	Tot Cts=792	MaxkeV=100	Pitch=-507"	Yaw=-645"
Radio Sweeps	Type/Intensity:			V/2		Exp #=64340	Rast=180"x1"	Step=0"	
Event # = 21534									
88/03/25,04:04	Start	DOY=85	Peak	End times					
G0ES	03:56	04:04	04:12	Importance=C1	Qual=01				
BGS	04:01	04:04		CaPeak.c/s=22	Qual=4	FePeak=04:01	FePeak.c/s=9	#Peaks=1	dt= 0.1s
FCS							Rast=0"x0"	Step=0"	XEN=808500
UVSP	03:48			Wavelength=2788A	Code=01	Exp #=64341	Rast=180"x1"	Step=0"	Cad=1.02s
Event # = 8808									
88/03/25,05:26	Start	DOY=85	Peak	End times					
G0ES	05:15	05:26	05:48	Importance=M2	Qual=04				
HXRBS	05:26:23	05:26:27	05:30:24	Peak...c/s=87	Qual=02				
UVSP	05:22			Wavelength=2788A	Code=00	Tot Cts=3461	MaxkeV=70	Flags=SN	Pitch=-507"
Radio Sweeps	Type/Intensity:			I1/2 I11/2		Exp #=64343	Rast=180"x1"	Step=0"	Yaw=-645"
Radio Frequency(MHz)/Flux(sfu):	245/400								
Event # = 8809									
88/03/25,07:27	Start	DOY=85	Peak	End times					
Optical									
G0ES	07:25	07:27	07:52	Ha...Class=1F	N2IE64	AR4975	Mac.=EAI	Carr.Lon.=164deg	H.Ang=69deg
HXRBS	07:23:57	07:25:44	07:28:13	Importance=C3	Qual=01				
BGS	07:29	07:29	07:31	Peak...c/s=106	Qual=01	Tot Cts=2358	MaxkeV=70	#Peaks=1	dt= 3.8s
FCS				CaPeak.c/s=71	Qual=1	FePeak=07:29	Rast=0"x0"	Step=0"	XEN=808502
UVSP	07:53			Wavelength=2788A		Exp #=64346	Rast=180"x1"	Step=0"	Cad=4.10s
Event # = 8810									
88/03/25,07:28	Start	DOY=85	Peak	End times					
BGS	07:28	07:28	07:37	CaPeak.c/s=53	Qual=1	Event # = 21535	FePeak=07:28	#Peaks=1	dt= 3.8s
FCS								Step=5"	XEN=808501
Event # = 8810									
88/03/25,08:50	Start	DOY=85	Peak	End times					
Optical									
G0ES	08:44	08:50	08:54	Ha...Class=1N	S25W78	AR4964	Mac.=EAI	Carr.Lon.=305deg	H.Ang=76deg
HXRBS	08:46:09	08:46:23	08:50:32	Importance=C4	Qual=01				
UVSP	08:30			Peak...c/s=261	Qual=01	Tot Cts=10013	MaxkeV=129	Step=0"	Pitch=-507"
Radio Sweeps	Type/Intensity:			Wavelength=2788A	Code=01	Exp #=64347	Rast=180"x1"	Step=0"	Yaw=-645"
Radio Frequency(MHz)/Flux(sfu):	245/130	410/67	606/75	1415/28					

Event # = 21536									
88/03/25,19:40		DOY=85	Pitch=+726",Yaw=-635",Roll=-20deg						
Start		Peak							
Optical	End times	SMM Pointing:							
GOES	19:39	19:40	19:52	Ha...Class=SF	S28W83	AR4964	Mac.=EAI	Carr.Lon.=304deg	H.Ang=81deg
BCS	19:40	19:40	19:41	Importance=C1	Qual=01	FePeak=19:40	FePeak.c/s=8	#Peaks=1	dt= 7.7s
FCS				CaPeak.c/s=21	Qual= 4		Rast=0"x0"	Step=0"	XEN=808503
UVSP	19:39			Wave length=1375A	Code=00	Exp #=64364	Rast=10"x10"	Step=0"	Cad=1.02s
Radio	Sweeps	Type/Intensity:	V/2						
Radio	Frequency (MHz)/Flux(sfu):	245/220							
Event # = 21537									
88/03/25,20:09		DOY=85	Pitch=+726",Yaw=-635",Roll=-20deg						
Start		Peak							
GOES	20:04	20:09	20:38	Importance=C2	Qual=03	FePeak=20:09	FePeak.c/s=12	#Peaks=1	dt= 3.8s
BCS	20:04	20:09	20:11	CaPeak.c/s=64	Qual= 3		Rast=0"x0"	Step=0"	XEN=808504
FCS				Wave length=1375A	Code=02	Exp #=64367	Rast=265"x265"	Step=5"	Cad=4.10s
UVSP	20:09			Wave length=1375A	Code=02		Rast=265"x265"	Step=5"	Pitch=+730",Yaw=-620"
Radio	Sweeps	Type/Intensity:	III/1						
Event # = 8811									
88/03/25,21:54		DOY=85	Pitch=+726",Yaw=-635",Roll=-20deg						
Start		Peak							
GOES	21:38	21:54	22:20	Importance=C5	Qual=02		MaxkeV=222	Flags=ES	
HXRBS	21:36:49	21:38:10	21:50:24	Peak...c/s=547	Qual=03	Tot Cts=71476	Rast=10"x10"	Step=0"	Pitch=+712",Yaw=-647"
UVSP	21:47			Wave length=1375A	Code=01	Exp #=64374			
Radio	Sweeps	Type/Intensity:	II/3						
Radio	Frequency (MHz)/Flux(sfu):	410/240 606/130 1415/82 2695/150 4995/40							
Event # = 8812									
88/03/26,01:08		DOY=86	Pitch=+727",Yaw=-627",Roll=-20deg						
Start		Peak							
GOES	01:06	01:08	01:17	Importance=B8	Qual=01		MaxkeV=70		
HXRBS	01:06:40	01:06:53	01:07:06	Peak...c/s=72	Qual=01	Tot Cts=384	Rast=180"x1"	Step=0"	Pitch=+602",Yaw=-448"
UVSP	01:08			Wave length=2788A	Code=02	Exp #=64382			
Radio	Frequency (MHz)/Flux(sfu):	245/160 410/19 606/18							
Event # = 8812									
88/03/26,02:40		DOY=86	Pitch=+727",Yaw=-627",Roll=-20deg						
Start		Peak							
Optical	End times	SMM Pointing:							
GOES	02:38	02:40	02:50	Ha...Class=SF	S30W88	AR4975	Mac.=EAI	Carr.Lon.=160deg	H.Ang=85deg
HXRBS	02:37:59	02:38:09	02:38:20	Importance=B9	M16E57		MaxkeV=100		
UVSP	02:43			Peak...c/s=196	Qual=01	Tot Cts=1203	Rast=180"x1"	Step=0"	Pitch=+602",Yaw=-448"
Radio	Sweeps	Type/Intensity:	Wave length=2788A						
Event # = 21538									
88/03/26,05:46		DOY=86	Pitch=+727",Yaw=-627",Roll=-20deg						
Start		Peak							
GOES	05:39	05:46	05:52	Importance=C2	Qual=01	FePeak=05:44	FePeak.c/s=14	#Peaks=1	dt= 0.1s
BCS	05:44	05:47	05:51	CaPeak.c/s=29	Qual= 1		Rast=25"x25"	Step=5"	XEN=808600
FCS				Wave length=1375A	Code=02	Exp #=64388	Rast=180"x1"	Step=0"	Cad=25.6s
UVSP	05:50			Wave length=2788A	Code=02		Rast=180"x1"	Step=0"	Pitch=+602",Yaw=-448"

Event # = 21539	DOY=86	SMM Pointing:	N18E46	DOY=88	Pitch=-574", Yaw=+496", Roll=-20deg	H. Ang=52deg
88/03/26, 22:52	Start	End times				
Optical						
GOES 22:41	22:52	23:21	N18E50		Mac. =EAI	H. Ang=55deg
BCS 22:46	22:49	23:00	Qual=03	AR4975		
FCS			Qual=1	FePeak=22:47	#Peaks=1 dt= 7.7s	XEN=808601
UVSP 22:47			Code=00	Exp #=64422	Rast=0"x0" Cad=1.02s	1.024s/pixel
Radio Sweeps			Wavelength=1375A		Step=0" Pitch=-615", Yaw=+525"	
		Type/Intensity:	III/I			
<hr/>						
Event # = 8814	DOY=88	SMM Pointing:	N18E28	DOY=88	Pitch=-513", Yaw=+269", Roll=-20deg	H. Ang=37deg
88/03/28, 07:50	Start	End times				
GOES 07:17	07:50	08:08	Qual=01			
HXRBS 07:24:05	07:50	07:26:52	Importance=89	Tot Cts=2095	MaxkeV=255	
BCS 07:43	07:45	07:52	Peak...c/s=82	FePeak=07:45	FePeak.c/s=17	XEN=808800
FCS			Qual=4		Rast=0"x0" Cad=1.02s	1.024s/pixel
UVSP 08:03			CaPeak.c/s=20	Exp #=64501	Rast=180"x1" Pitch=-377", Yaw=+192"	
		Wavelength=2788A				
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Event # = 21540	DOY=89	SMM Pointing:	N18E18	DOY=89	Pitch=-467", Yaw=+133", Roll=-20deg	H. Ang=30deg
88/03/29, 02:00	Start	End times				
GOES 02:00	02:00	02:09	Qual=00			
BCS 02:00	02:00		Qual=5	FePeak=02:01	FePeak.c/s=7	XEN=808900
FCS					Rast=0"x0" Cad=1.02s	1.024s/pixel
UVSP 02:01			Wavelength=1375A	Exp #=64544	Rast=200"x200" Step=5" Pitch=-460", Yaw=+137"	
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Event # = 21541	DOY=89	SMM Pointing:	N18E16	DOY=89	Pitch=-460", Yaw=+100", Roll=-20deg	H. Ang=29deg
88/03/29, 05:13	Start	End times				
GOES 05:07	05:13	05:29	Qual=01			
BCS 05:12	05:12	05:15	Qual=5	FePeak=05:12	dt= 7.7s	XEN=808901
FCS					Step=0" Cad=1.02s	1.024s/pixel
UVSP 05:03			Code=00	Exp #=64554	Rast=0"x0" Step=0" Pitch=-326", Yaw=+30"	
		Wavelength=2788A				
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Event # = 21542	DOY=89	SMM Pointing:	N18E16	DOY=89	Pitch=-460", Yaw=+100", Roll=-20deg	H. Ang=29deg
88/03/29, 06:32	Start	End times				
Optical						
GOES 06:25	06:32	07:32	N21E16	AR4975	Mac. =EAI	H. Ang=32deg
BCS 06:42	06:43	06:58	Qual=05			
FCS	06:53		Qual=5	FePeak=06:47	#Peaks=1 dt= 7.7s	XEN=808902
UVSP 06:36			Code=02	Exp #=64556	Step=0" Cad=1.02s	1.024s/pixel
Radio Frequency (MHz)/Flux(sfu):			Wavelength=2788A		Step=0" Pitch=-322", Yaw=+17"	
			2695/19 8800/21			
<hr/>						
Event # = 21543	DOY=89	SMM Pointing:	N18E06	DOY=89	Pitch=-412", Yaw=-40", Roll=-20deg	H. Ang=25deg
88/03/29, 22:50	Start	End times				
Optical						
GOES 22:38	22:50	23:42	N21E09	AR4975	Mac. =EAI	H. Ang=29deg
BCS 22:45	22:49	22:58	Qual=01			
FCS			Qual=1	FePeak=22:48	#Peaks=1 dt= 0.1s	XEN=808903
UVSP 23:18			Code=00	Exp #=64577	Step=0" Cad=1.02s	1.024s/pixel
			Wavelength=2788A		Step=0" Pitch=-275", Yaw=-118"	

88/03/31		DOY=91	
Event # = 8817			
88/03/31, 11:24	DOY=91		
Optical	SMM Pointing:		
GOES	Ha...Class-SF	N18W11	Pitch=-316", Yaw=-297", Roll=-20deg H.Ang=27deg
HXRBS	Peak...c/s=84	N14W13	Mac.=EAI Carr.Lon.=160deg H.Ang=24deg
UVSP	Wavelength=2788A	Qual=00	
Radio Sweeps	Type/Intensity: V/2	Qual=01	
		Tot Cts=534	
		Exp #=64664	
			Step=0" Pitch=-179", Yaw=-120"
Event # = 21544			
88/03/31, 20:47	DOY=91		
Optical	SMM Pointing:	N18W16	Pitch=-286", Yaw=-370", Roll=-20deg H.Ang=29deg
GOES	Ha...Class-SF	N18W15	Mac.=EAI Carr.Lon.=156deg H.Ang=29deg
BCS	Importance=C3	Qual=04	
FCS	CaPeak.c/s=61	Qual=4	
UVSP	Wavelength=2788A	FePeak=20:46	FePeak.c/s=12 dt= 0.1s XEN=809100
Radio	Frequency(MHz)/Flux(sfu): 4995/23 8800/30	Code=02	Step=0" Cad=1.02s 1.024s/pixel
		Exp #=64676	Step=0" Pitch=-149", Yaw=-193"
Event # = 21545			
88/03/31, 23:34	DOY=91		
Optical	SMM Pointing:	N18W18	Pitch=-276", Yaw=-396", Roll=-20deg H.Ang=30deg
GOES	Importance=C1	Qual=01	
BCS	CaPeak.c/s=22	Qual=4	
FCS	Wavelength=2788A	FePeak=23:34	FePeak.c/s=9 dt= 7.7s XEN=809101
UVSP		Exp #=64680	Step=0" Cad=1.02s 1.024s/pixel
			Step=0" Pitch=-139", Yaw=-217"
Event # = 21546			
88/04/01, 02:30	DOY=92		
Optical	SMM Pointing:	N18W19	Pitch=-266", Yaw=-420", Roll=-20deg H.Ang=31deg
GOES	Ha...Class-SF	N20W15	Mac.=EAI Carr.Lon.=153deg H.Ang=30deg
BCS	Importance=C1	Qual=01	
FCS	CaPeak.c/s=33	Qual=1	
UVSP	Wavelength=2788A	FePeak=02:31	FePeak.c/s=14 dt= 7.7s XEN=809200
Radio	Frequency(MHz)/Flux(sfu): 245/170 410/53	Exp #=64683	Step=0" Cad=1.02s 1.024s/pixel
			Step=0" Pitch=-132", Yaw=-234"
Event # = 8818			
88/04/02, 03:31	DOY=93		
Optical	SMM Pointing:	N18W32	Pitch=-191", Yaw=-592", Roll=-20deg H.Ang=40deg
GOES	Importance=B6	Qual=01	
HXRBS	Peak...c/s=96	Qual=01	
UVSP	Wavelength=2788A	Tot Cts=1115	
Radio Sweeps	Type/Intensity: V/3	Exp #=64730	
Radio	Frequency(MHz)/Flux(sfu): 245/20		Step=0" Pitch=-54", Yaw=-414"

Event # = 8914									
88/04/02, 20:48	DOY=93								
Start	Peak								
Optical	End times	SMM Pointing:	N20W42						
GOES 20:46	20:48	Ha...Class=SF	N21E40						
HXRBS 20:46:06	20:46:47	Importance=C1	Qual=01						
UVSP 20:26	20:47:53	Peak...c/s=482	Qual=01						
Radio Sweeps	Type/Intensity:	Wavelength=2788A							
		111/3							
Event # = 8819									
88/04/03, 04:41	DOY=94								
Start	Peak								
Optical	End times	SMM Pointing:	N20W46						
GOES 04:37	04:41	Ha...Class=SF	N18W46						
HXRBS 04:38:39	04:39:05	Importance=C1	Qual=01						
BCS 04:39	04:40	Peak...c/s=81	Qual=01						
FCS	04:43	CaPeak.c/s=31	Qual=1						
UVSP 04:26		Wavelength=2788A							
		Code=00							
		Exp #=64779							
Event # = 21547									
88/04/04, 11:23	DOY=95								
Start	Peak								
GOES 10:54	11:23	SMM Pointing:	N20W62						
BCS 10:56	11:05	Importance=C4	Qual=02						
FCS	11:10	CaPeak.c/s=109	Qual=1						
UVSP 11:39		Wavelength=2788A							
Event # = 8820									
88/04/08, 04:07	DOY=99								
Start	Peak								
GOES 04:06	04:07	SMM Pointing:	S06W00						
HXRBS 04:06:50	04:07:24	Importance=C1	Qual=01						
	04:07:50	Peak...c/s=63	Qual=01						
Event # = 8821									
88/04/09, 21:21	DOY=100								
Start	Peak								
Optical	End times	SMM Pointing:	S17E61						
GOES 21:12	21:21	Ha...Class=IN	S12E68						
HXRBS* 21:16:34	21:18:15	Ha...Class=SN	S19E60						
BCS 21:16	21:17	Importance=C4	Qual=02						
FCS	21:20	Peak...c/s=136	Qual=01						
UVSP 21:16		CaPeak.c/s=78	Qual=1						
Radio Sweeps	Type/Intensity:	Wavelength=2788A							
		111/1							
		V/1							

Event # = 21548									
88/04/09 23:43	DOY=100		SMM Pointing:	S17E60				Pitch=-55", Yaw=+822", Roll=-20deg	H. Ang=59deg
GOES 23:43	Peak	End times	Importance=C1	Qual=04					
BCS 23:39	23:42	23:46	CaPeak.c/s=36	Qual=1	FePeak=23:41			FePeak.c/s=15 #Peaks=1 dt= 0.1s XEN=810010	
FCS								Rast=25"x25" Step=5" Cad=25.6s 1.024s/pixel	
UVSP 23:24			Wavelength=2788A	Code=01	Exp #=65040			Rast=180"x1" Step=0" Pitch=-175", Yaw=+748"	
Radio Sweeps	Type/Intensity:	III/1							
88/04/11 DOY=102									
Event # = 8923									
88/04/11 13:50	DOY=102		SMM Pointing:	S16E40				Pitch=-25", Yaw=+625", Roll=-20deg	H. Ang=41deg
Optical	Start	End times	Ha...Class=IN	N21E74					
GOES 13:35	13:50	14:42	Importance=C5	Qual=04	AR4990			Mac.=CS0 Carr.Lon.=286deg	H. Ang=77deg
HXRBS* 13:47:23	13:47:43	13:50:52	Peak...c/s=178	Qual=01	Tot Cts=7147			MaxkeV=61 Flags=I	
UVSP 14:00			Wavelength=2788A	Code=00	Exp #=65145			Rast=180"x1" Step=0" Pitch=-145", Yaw=+549"	
Event # = 21549									
88/04/11 19:29	DOY=102		SMM Pointing:	N17E31				Pitch=-493", Yaw=+321", Roll=-20deg	H. Ang=38deg
Optical	Start	End times	Ha...Class=SF	N16E28					
GOES 19:13	19:29	19:40	Importance=C2	Qual=04	AR4986			Mac.=FAI Carr.Lon.=329deg	H. Ang=35deg
BCS 19:25	19:29	19:38	CaPeak.c/s=25	Qual=4	FePeak=19:25			FePeak.c/s=13 #Peaks=1 dt= 7.7s XEN=810200	
FCS								Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel	
UVSP 19:18			Wavelength=2788A	Code=00	Exp #=65152			Rast=180"x1" Step=0" Pitch=-620", Yaw=+252"	
Event # = 21550									
88/04/11 19:43	DOY=102		SMM Pointing:	N17E31				Pitch=-493", Yaw=+321", Roll=-20deg	H. Ang=38deg
Optical	Start	End times	CaPeak.c/s=22	Qual=06					
GOES 19:41	19:43	19:49	Wavelength=2788A	Qual=4	FePeak=19:42			FePeak.c/s=7 #Peaks=1 dt= 7.7s XEN=810201	
BCS 19:41	19:43	19:49			Exp #=65152			Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel	
FCS								Rast=180"x1" Step=0" Pitch=-620", Yaw=+252"	
UVSP 19:18									
Event # = 8822									
88/04/11 19:54	DOY=102		SMM Pointing:	N17E31				Pitch=-493", Yaw=+321", Roll=-20deg	H. Ang=38deg
Optical	Start	End times	Ha...Class=SF	N24E83					
GOES 19:51	19:54	19:57	Importance=C2	Qual=01	AR4990			Mac.=CS0 Carr.Lon.=274deg	H. Ang=86deg
HXRBS* 19:51:57	19:52:15	19:53:01	Peak...c/s=69	Qual=01	Tot Cts=473			MaxkeV=43	
UVSP 20:17			Wavelength=2788A	Code=00	Exp #=65153			Rast=180"x1" Step=0" Pitch=-362", Yaw=+245"	
Event # = 8823									
88/04/11 21:53	DOY=102		SMM Pointing:	N17E30				Pitch=-490", Yaw=+311", Roll=-20deg	H. Ang=37deg
Optical	Start	End times	Ha...Class=SN	N23E79					
GOES 21:41	21:53	22:10	Importance=C3	Qual=03	AR4990			Mac.=CS0 Carr.Lon.=277deg	H. Ang=82deg
HXRBS* 21:48:25	21:50:05	21:56:00	Peak...c/s=120	Qual=01	Tot Cts=9391			MaxkeV=43	
UVSP 21:50			Wavelength=2788A	Code=00	Exp #=65155			Rast=180"x1" Step=0" Pitch=-359", Yaw=+233"	



Event # = 21551		88/04/12		DOY=103			
88/04/12	06:50	Start	DOY=103	Peak	SMM Pointing:	End times	Pitch=-471", Yaw=+242", Roll=-20deg H. Ang=34deg
Optical					Ha...Class=SF		Mac.=EAI Carr. Lon.=328deg H. Ang=32deg
GOES	06:29	06:50			Importance=C2		FePeak.c/s=11 dt= 3.8s XEN=810300
BCS	06:39	06:49			CaPeak.c/s=58	Qual=01	Rast=0"x0" Cad=1.02s 1.024s/pixel
FCS							Step=0" Pitch=5" Pitch=-465", Yaw=+250"
UVSP	06:49				Wavelength=1375A	Code=00 Exp #=65173	
Event # = 8824							
88/04/12	08:41	Start	DOY=103	Peak	SMM Pointing:	End times	Pitch=-464", Yaw=+228", Roll=-20deg H. Ang=33deg
Optical					Ha...Class=SF		Mac.=HSX Carr. Lon.=328deg H. Ang=25deg
GOES	08:36	08:41			Importance=C2	Qual=03	
HXRBS*	08:37:22	08:37:38			Peak...c/s=109	Qual=01	MaxkeV=43
UVSP	08:31				Wavelength=1375A	Code=00 Exp #=65182	Rast=10"x10" Step=0" Pitch=-446", Yaw=+162"
Event # = 8825							
88/04/12	15:05	Start	DOY=103	Peak	SMM Pointing:	End times	Pitch=-454", Yaw=+181", Roll=-20deg H. Ang=31deg
Optical					Ha...Class=SF		Mac.=CS0 Carr. Lon.=276deg H. Ang=74deg
GOES	14:58	15:05			Importance=C3	Qual=03	
HXRBS*	14:59:29	15:01:29			Peak...c/s=106	Qual=01	MaxkeV=61
UVSP	15:05				Wavelength=2788A	Code=02 Exp #=65200	Rast=180"x1" Step=0" Pitch=-318", Yaw=+103"
Radio Sweeps					III/1 V/1		
Event # = 8826							
88/04/12	17:46	Start	DOY=103	Peak	SMM Pointing:	End times	Pitch=-446", Yaw=+157", Roll=-20deg H. Ang=30deg
GOES	17:40	17:46			Importance=C3	Qual=01	
HXRBS*	17:40:52	17:42:32			Peak...c/s=114	Qual=01	MaxkeV=61
UVSP	18:14				Wavelength=2788A	Exp #=65204	Rast=180"x1" Step=0" Pitch=-309", Yaw=+78"
Event # = 8827							
88/04/12	22:33	Start	DOY=103	Peak	SMM Pointing:	End times	Pitch=-652", Yaw=+598", Roll=-20deg H. Ang=67deg
Optical					Ha...Class=SF		Mac.=CS0 Carr. Lon.=279deg H. Ang=68deg
GOES	22:23	22:33			Importance=C3	Qual=01	
HXRBS*	22:28:27	22:30:17			Peak...c/s=112	Qual=01	Flags=ND
BCS	22:27	22:40			CaPeak.c/s=77	Qual=1	dt= 7.7s XEN=810301
FCS		22:42					Cad=4.10s 4.096s/pixel
UVSP	22:22				Wavelength=1375A	Code=00 Exp #=65212	Step=0" Pitch=-639", Yaw=+615"
Event # = 8829							
88/04/13	00:18	Start	DOY=104	Peak	SMM Pointing:	End times	Pitch=-656", Yaw=+597", Roll=-20deg H. Ang=68deg
Optical					Ha...Class=SF		Mac.=EAI Carr. Lon.=274deg H. Ang=71deg
GOES	00:11	00:18			Importance=C1	Qual=01	
HXRBS*	00:15:53	00:17:06			Peak...c/s=260	Qual=01	MaxkeV=61
BCS	00:13	00:17			CaPeak.c/s=52	Qual=1	dt= 3.8s XEN=810400
UVSP	00:13				Wavelength=1375A	Code=00 Exp #=65222	Step=0" Pitch=-653", Yaw=+598"
					Associated	Event # = 8828	
HXRBS*	00:11:08	00:11:43			Peak...c/s=121	Qual=01	MaxkeV=61
UVSP	00:10				Wavelength=1375A	Exp #=65221	Rast=200"x200" Step=5" Pitch=-648", Yaw=+603"

Event # = 8830									
88/04/13, 00:33	Start	DOY=104	SMM Pointing:	N23E63				Pitch=-656", Yaw=-597", Roll=-20deg	H.Ang=68deg
	End times	Peak	Importance=C1	Qual=01					
G0ES 00:28	00:37	00:33	Peak...c/s=129	Qual=03					
HXRBS* 00:22:26	00:28:44	00:35:22	Wavelength=1375A	Code=00	Tot Cts=12987			MaxkeV=43	Flags=EN
UVSP 00:28					Exp #=65224			Rast=10"x10"	Step=0"
								Pitch=-688", Yaw=-632"	
Event # = 21552									
88/04/13, 09:22	Start	DOY=104	SMM Pointing:	N23E57				Pitch=-739", Yaw=-423", Roll=90deg	H.Ang=63deg
	End times	Peak	Importance=C1	Qual=04					
G0ES 09:19	09:29	09:22	CaPeak.c/s=29	Qual= 5	FePeak=09:23			FePeak.c/s=8	#Peaks=1
BCS 09:23	09:27	09:23						Rast=0"x0"	dt= 7.7s
FCS 09:21			Wavelength=1375A	Code=00	Exp #=65266			Rast=10"x10"	Cad=1.02s
								Step=0"	1.024s/pixel
								Pitch=-803", Yaw=-451"	
Event # = 21553									
88/04/13, 09:34	Start	DOY=104	SMM Pointing:	N23E57				Pitch=-739", Yaw=-423", Roll=90deg	H.Ang=63deg
	End times	Peak	Importance=C1	Qual=01					
G0ES 09:30	09:53	09:34	CaPeak.c/s=30	Qual= 1	FePeak=09:32			FePeak.c/s=9	#Peaks=1
BCS 09:32	09:37	09:33						Rast=0"x0"	dt= 7.7s
FCS 09:34			Wavelength=1375A	Code=02	Exp #=65267			Rast=200"x200"	Cad=1.02s
								Step=5"	1.024s/pixel
								Pitch=-747", Yaw=-432"	
Event # = 8832									
88/04/13, 16:06	Start	DOY=104	SMM Pointing:	N23E55				Pitch=-644", Yaw=-530", Roll=-20deg	H.Ang=60deg
	End times	Peak	Ha...Class=SF	N23E61				Mac.=FAI	Carr.Lon.=271deg
Optical 16:03	16:14	16:06	Importance=C1	Qual=00	AR4990				
G0ES 16:04:18	16:05:46	16:04:46	Peak...c/s=268	Qual=01	Tot Cts=3810			MaxkeV=79	#Peaks=1
HXRBS* 16:05	16:10	16:06	CaPeak.c/s=63	Qual= 1	FePeak=16:06			FePeak.c/s=13	dt= 3.8s
BCS 16:12								Rast=25"x25"	Cad=25.6s
FCS 16:12			Wavelength=2788A	Code=02	Exp #=65277			Rast=180"x1"	1.024s/pixel
UVSP 16:12								Step=0"	Pitch=-507", Yaw=-450"
Radio Frequency(MHz)/Flux(sfu): 410/22									
Event # = 8833									
88/04/13, 18:34	Start	DOY=104	SMM Pointing:	N23E52				Pitch=-638", Yaw=-509", Roll=-20deg	H.Ang=58deg
	End times	Peak	Ha...Class=SN	N23E90				Carr.Lon.=241deg	H.Ang=92deg
Optical 18:29	19:02	18:34	Importance=C5	Qual=01	AR4995				
G0ES 18:30:36	18:33:35	18:32:21	Peak...c/s=168	Qual=01	Tot Cts=14725			MaxkeV=79	Flags=ND
HXRBS* 18:32	18:47	18:34	CaPeak.c/s=85	Qual= 1	FePeak=18:34			FePeak.c/s=24	#Peaks=1
BCS 18:32								Rast=240"x240"	dt= 0.1s
FCS 18:21			Wavelength=2788A	Code=01	Exp #=65280			Rast=180"x1"	Cad= 131s
UVSP 18:21								Step=0"	0.512s/pixel
Radio Sweeps Type/Intensity: V/2									Pitch=-505", Yaw=-439"
Event # = 8834									
88/04/13, 20:18	Start	DOY=104	SMM Pointing:	N23E52				Pitch=-638", Yaw=-509", Roll=-20deg	H.Ang=58deg
	End times	Peak	Ha...Class=SF	S15E17				Mac.=CRO	Carr.Lon.=313deg
Optical 20:04	20:52	20:18	Importance=C8	N22E58	AR4989				H.Ang=19deg
G0ES 20:05:48	20:21:01	20:06:36	Peak...c/s=248	Qual=01	AR4990			Carr.Lon.=272deg	H.Ang=63deg
HXRBS* 20:07	20:15	20:15	CaPeak.c/s=79	Qual= 1	Tot Cts=21245			MaxkeV=150	Flags=M5
BCS 20:07					FePeak=20:15			FePeak.c/s=18	#Peaks=2
FCS 19:54			Wavelength=2788A		Exp #=65282			Rast=0"x0"	dt= 0.1s
								Rast=180"x1"	Cad=4.10s
								Step=0"	4.096s/pixel
									Pitch=-503", Yaw=-431"

----- Associated Event # = 8835 -----									
HXRBS*	20:31:18	20:31:22	20:32:27	Peak...c/s=95	Qual=01	Tot Cts=1468	MaxkeV=43	Step=0"	Pitch=-501", Yaw=+426"
UVSP	20:54			Wave length=2788A		Exp #=65283	Rast=180"x1"		
-----									
Event # = 8836									
88/04/13,20:56	Start	DOY=104	End times	SMM Pointing:	N23E51		Pitch=-636", Yaw=+499", Roll=-20deg	H. Ang=58deg	
Optical		Peak					Mac. =EA1	Carr. Lon.=272deg	H. Ang=63deg
GOES	20:52	20:56	21:17	Ha...Class=SF	N22E58	AR4990			
				Importance=C2	Qual=03				
HXRBS*	20:52:20	20:53:13	20:54:00	Peak...c/s=113	Qual=01	Tot Cts=1364	MaxkeV=43		
BCS	20:54	20:56	20:58	CaPeak.c/s=22	Qual= 4	FePeak=20:55	FePeak.c/s=8	dt= 0.1s	XEN=810406
FCS							Rast=0"x0"	Cad=4.10s	4.096s/pixel
UVSP	20:54			Wave length=2788A	Code=00	Exp #=65283	Step=0"	Pitch=-501", Yaw=+426"	
-----									
Event # = 21554									
88/04/13,22:17	Start	DOY=104	End times	SMM Pointing:	N23E51		Pitch=-636", Yaw=+499", Roll=-20deg	H. Ang=58deg	
GOES	22:13	22:17	22:25	Importance=C2	Qual=01				
BCS	22:16	22:17	22:24	CaPeak.c/s=28	Qual= 1	FePeak=22:19	FePeak.c/s=17	dt= 7.7s	XEN=810407
FCS							Rast=0"x0"	Cad=1.02s	1.024s/pixel
UVSP	22:27			Wave length=2788A	Code=00	Exp #=65285	Step=0"	Pitch=-499", Yaw=+418"	
-----									
Event # = 8837									
88/04/13,22:30	Start	DOY=104	End times	SMM Pointing:	N23E50		Pitch=-634", Yaw=+489", Roll=-20deg	H. Ang=57deg	
GOES	22:26	22:30	22:32	Importance=C2	Qual=01				
HXRBS*	22:29:12	22:29:19	22:29:30	Peak...c/s=110	Qual=01	Tot Cts=146	MaxkeV=43		
UVSP	22:27			Wave length=2788A	Code=00	Exp #=65285	Rast=180"x1"	Step=0"	Pitch=-499", Yaw=+418"
-----									
Event # = 21555									
88/04/13,23:05	Start	DOY=104	End times	SMM Pointing:	N23E50		Pitch=-634", Yaw=+489", Roll=-20deg	H. Ang=57deg	
GOES	23:02	23:05	23:20	Importance=C2	Qual=05				
BCS	23:11	23:11	23:15	CaPeak.c/s=19	Qual= 5	FePeak=23:11	FePeak.c/s=15	dt= 7.7s	XEN=810408
FCS							Rast=0"x0"	Cad=1.02s	1.024s/pixel
UVSP	23:11			Wave length=1375A	Code=02	Exp #=65286	Rast=200"x200"	Step=5"	Pitch=-626", Yaw=+497"
-----									
Event # = 21556									
88/04/13,23:22	Start	DOY=104	End times	SMM Pointing:	N23E50		Pitch=-634", Yaw=+489", Roll=-20deg	H. Ang=57deg	
GOES	23:20	23:22	23:29	Importance=C1	Qual=01				
BCS	23:22	23:23	23:27	CaPeak.c/s=22	Qual= 1	FePeak=23:22	FePeak.c/s=8	dt= 7.7s	XEN=810409
FCS							Rast=0"x0"	Cad=1.02s	1.024s/pixel
UVSP	23:12			Wave length=1375A	Code=00	Exp #=65287	Rast=10"x10"	Step=0"	Pitch=-601", Yaw=+492"
-----									
Event # = 8838									
88/04/14,00:07	Start	DOY=105	End times	SMM Pointing:	N23E50		Pitch=-634", Yaw=+489", Roll=-20deg	H. Ang=57deg	
GOES	23:56	00:07	00:10	Importance=C1	Qual=02				
HXRBS*	23:57:06	23:58:05	00:04:01	Peak...c/s=121	Qual=01	Tot Cts=7029	MaxkeV=97		
BCS	00:00	00:04	00:07	CaPeak.c/s=27	Qual= 1	FePeak=00:02	FePeak.c/s=16	dt= 7.7s	XEN=810500
UVSP	23:58			Wave length=1375A	Code=00	Exp #=65293	Rast=10"x10"	Step=0"	Pitch=-614", Yaw=+468"
Radio				Frequency(MHz)/Flux(sfu):	245/290 410/21				

Event # = 8839									
88/04/14, 01:40	DOY=105	SMM Pointing:	N23E49	Pitch=-631"	Yaw=+477"	Roll=-20deg	H.Ang=56deg		
Start	Peak								
GOES 01:18	01:40	Importance=C2	Qual=01	MaxkeV=79					
HXRBS* 01:18:17	01:18:58	Peak...c/s=211	Qual=01	Tot Cts=3817					
BCS 01:19	01:20	CaPeak.c/s=26	Qual=1	FePeak=01:19					
FCS									
UVSP 01:33		Wavelength=1375A	Code=00	Exp #=65301					
Radio	Frequency(MHz)/Flux(sfu):	245/30	410/57	606/45					
Event # = 21557									
88/04/14, 02:29	DOY=105								
Start	Peak								
GOES 02:28	02:29	CaPeak.c/s=29	Qual=00	FePeak=02:29					
BCS									
FCS									
UVSP 02:20		Wavelength=1375A		Exp #=65303					
Event # = 21558									
88/04/14, 03:14	DOY=105	SMM Pointing:	N23E48	Pitch=-629"	Yaw=+467"	Roll=-20deg	H.Ang=55deg		
Start	Peak								
Optical									
GOES 03:10	03:14	Ha...Class=SF	N22E49	AR4990					
BCS 03:11	03:14	Importance=C2	Qual=01						
FCS		CaPeak.c/s=34	Qual=1	FePeak=03:12					
UVSP 03:08		Wavelength=1375A	Code=00	Exp #=65309					
Event # = 8840									
88/04/14, 04:39	DOY=105	SMM Pointing:	N23E47	Pitch=-626"	Yaw=+457"	Roll=-20deg	H.Ang=54deg		
Start	Peak								
GOES 04:15	04:39	Importance=C7	Qual=03						
HXRBS* 04:25:58	04:36:36	Peak...c/s=120	Qual=01	Tot Cts=10706					
UVSP 04:39		Wavelength=1375A	Code=02	Exp #=65316					
Event # = 8841									
88/04/14, 07:26	DOY=105	SMM Pointing:	N23E46	Pitch=-623"	Yaw=+447"	Roll=-20deg	H.Ang=53deg		
Start	Peak								
GOES 07:23	07:26	Importance=C1	Qual=01						
HXRBS* 07:21:54	07:22:25	Peak...c/s=111	Qual=01	Tot Cts=900					
UVSP 07:14		Wavelength=1375A	Code=00	Exp #=65327					
Radio	Frequency(MHz)/Flux(sfu):	245/230							
Event # = 8842									
88/04/14, 09:29	DOY=105	SMM Pointing:	N23E45	Pitch=-621"	Yaw=+436"	Roll=-20deg	H.Ang=52deg		
Start	Peak								
GOES 09:22	09:29	Importance=C2	Qual=03						
HXRBS* 09:23:08	09:23:45	Peak...c/s=167	Qual=01	Tot Cts=3255					
UVSP 09:20		Wavelength=1375A	Code=00	Exp #=65338					



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Event # = 21559							
DOY=105 Start	End times	SMM Pointing:	N23E39	Pitch=-604", Yaw=+373", Roll=-20deg	H.Ang=48deg		
GUES							
BCS	20:02	Capeak.c/s=119	Qual=00	FePeak=20:02	XEN=810507		
FCS	20:02		Qual= 4	Rast=0"x0"	Cad= 860s		
UVSP	20:24	Wavelength=2788A	Exp #=65352	Rast=180"x1"	Pitch=-466", Yaw=+291"		
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Event # = 8847							
DOY=105 Start	End times	SMM Pointing:	N23E37	Pitch=-598", Yaw=+353", Roll=-20deg	H.Ang=46deg		
GUES							
BCS	21:43	Importance=C1	Qual=02	MaxkeV=114			
HXRBS*	21:48:00	Peak...c/s=111	Qual=01	Rast=180"x1"	Pitch=-463", Yaw=+282"		
UVSP	21:59	Wavelength=2788A	Code=01	Tot Cts=8271			
			Exp #=65354	Exp #=65354			
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Event # = 8848							
DOY=105 Start	End times	SMM Pointing:	N23E37	Pitch=-598", Yaw=+353", Roll=-20deg	H.Ang=46deg		
Optical				Mac.=DAI	H.Ang=9deg		
GUES	22:52	Ha....Class=Sf	S15W00				
BCS	22:59	Importance=C2	Qual=01				
HXRBS*	22:53:41	Peak...c/s=163	Qual=01	MaxkeV=61			
UVSP	22:58	Wavelength=1375A	Code=00	Rast=200"x200"	Pitch=-588", Yaw=+358"		
			Exp #=65357	Step=5			
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Event # = 8849							
DOY=106 Start	End times	SMM Pointing:	N23E35	Pitch=-589", Yaw=+322", Roll=-20deg	H.Ang=44deg		
Optical				Carr.Lon.=242deg	H.Ang=75deg		
GUES	02:40	Ha....Class=SN	N25E71				
BCS	02:40:15	Importance=C4	Qual=03				
HXRBS*	02:40:59	Peak...c/s=2098	Qual=01	MaxkeV=206			
BCS	02:41	Capeak.c/s=42	Qual= 1	FePeak=20:43	XEN=810600		
FCS	02:43			Rast=0"x0"	Cad=1.02s		
UVSP	02:38	Wavelength=1375A	Code=00	Rast=10"x10"	Pitch=-556", Yaw=+274"		
			Exp #=65378	Step=0"			
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Event # = 8926							
DOY=106 Start	End times	SMM Pointing:	N23E29	Pitch=-568", Yaw=+252", Roll=-20deg	H.Ang=40deg		
GUES				Flags=1			
HXRBS*	13:34:56	Peak...c/s=83	Qual=00	MaxkeV=43			
UVSP	13:39	Wavelength=2788A	Qual=01	Rast=180"x1"	Pitch=-432", Yaw=+176"		
			Tot Cts=682	Step=0"			
			Exp #=65412				
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Event # = 21560							
DOY=106 Start	End times	SMM Pointing:	N23E29	Pitch=-568", Yaw=+252", Roll=-20deg	H.Ang=40deg		
GUES							
BCS	14:05	Importance=C2	Qual=05	FePeak=14:23	XEN=810601		
HXRBS*	14:06:57	Capeak.c/s=24	Qual= 5	Rast=0"x0"	Cad=1.02s		
FCS	14:22			Rast=180"x1"	Pitch=-430", Yaw=+173"		
UVSP	14:15	Wavelength=2788A	Code=02	Exp #=65413			
			Exp #=65413				
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Event # = 8850							
DOY=106 Start	End times	SMM Pointing:	N23E28	Pitch=-561", Yaw=+231", Roll=-20deg	H.Ang=39deg		
GUES							
BCS	16:06	Importance=C1	Qual=01	MaxkeV=79			
HXRBS*	16:06:57	Peak...c/s=147	Qual=01	Rast=180"x1"	Pitch=-427", Yaw=+162"		
UVSP	15:48	Wavelength=2788A	Code=01	Tot Cts=871			
			Exp #=65415	Exp #=65415			



Event # = 8858	DOY=106	N23E24	SMM Pointing:	End times	Pitch=-547" ,Yaw=+187" ,Roll=-20deg	H.Ang=37deg
88/04/15,22:56	Peak					
Start						
GOES	22:53:26	Qual=00	Peak...c/s=102	23:05:15		
HXRBS*	22:46	Qual=01	Wavelength=1375A		MaxkeV=97	
UVSP					Rast=10"x10"	Pitch=-493" ,Yaw=+120"
Radio Sweeps	Type/Intensity:		11/3		Step=0"	
Event # = 21561	DOY=107	N23E23	SMM Pointing:	End times	Pitch=-539" ,Yaw=+165" ,Roll=-20deg	H.Ang=36deg
88/04/16,01:57	Peak					
Start						
GOES	01:52	Qual=01	Importance=C1	02:12		
BCS	01:58	Qual= 4	CaPeak.c/s=23	02:06	FePeak=1	dt= 7.7s
FCS					Rast=0"x0"	XEN=810700
UVSP	01:54	Code=00	Wavelength=1375A		Step=0"	Cad=1.02s
					Step=0"	Pitch=-511" ,Yaw=+118"
Event # = 8859	DOY=107	N23E17	SMM Pointing:	End times	Pitch=-512" ,Yaw=+83" ,Roll=-20deg	H.Ang=33deg
88/04/16,12:46	Peak					
Start						
Optical			Ha....Class=SF		Mac.=FKI	
GOES	12:35	Qual=01	Importance=C2	13:01		
HXRBS*	12:40:04	Qual=01	Peak...c/s=107	12:40:50	Carr. Lon.=285deg	H.Ang=29deg
BCS	12:38	Qual= 1	CaPeak.c/s=67	13:11		
FCS					MaxkeV=43	
UVSP	13:11		Wavelength=2788A		FePeak.c/s=11	#Peaks=1
					Step=10"	XEN=810701
					Step=0"	Cad=36.9s
					Step=0"	Pitch=-376" ,Yaw=+6"
Event # = 8860	DOY=107	N23E17	SMM Pointing:	End times	Pitch=-512" ,Yaw=+83" ,Roll=-20deg	H.Ang=33deg
88/04/16,13:09	Peak					
Start						
Optical			Ha....Class=SF		Mac.=DR0	
GOES	13:06	Qual=01	Importance=C2	13:11		
HXRBS*	13:06:28	Qual=01	Peak...c/s=102	13:07:51	Carr. Lon.=244deg	H.Ang=57deg
UVSP	13:11	Code=02	Wavelength=2788A			
					MaxkeV=61	
					Rast=180"x1"	Step=0"
					Step=0"	Pitch=-376" ,Yaw=+6"
Event # = 8861	DOY=107	N23E17	SMM Pointing:	End times	Pitch=-512" ,Yaw=+83" ,Roll=-20deg	H.Ang=33deg
88/04/16,13:14	Peak					
Start						
Optical			Ha....Class=SF		Mac.=DR0	
GOES	13:11	Qual=01	Importance=C2	13:17		
HXRBS*	13:10:13	Qual=01	Peak...c/s=134	13:12:01	Carr. Lon.=244deg	H.Ang=57deg
UVSP	13:11	Code=00	Wavelength=2788A			
					MaxkeV=61	
					Rast=180"x1"	Step=0"
					Step=0"	Pitch=-376" ,Yaw=+6"
Event # = 21562	DOY=107	N23E17	SMM Pointing:	End times	Pitch=-512" ,Yaw=+83" ,Roll=-20deg	H.Ang=33deg
88/04/16,13:46	Peak					
Start						
GOES	13:44	Qual=05	Importance=C1	14:25		
BCS	13:46	Qual= 5	CaPeak.c/s=20	14:04	FePeak=1	dt= 7.7s
FCS	13:54				Rast=0"x0"	XEN=810702
UVSP	13:46	Code=02	Wavelength=2788A		Step=0"	Cad=1.02s
					Step=0"	Pitch=-374" ,Yaw=+1"





Event # = 8869	DOY=107	SMM Pointing:	N23E13	Pitch=-492", Yaw=+24", Roll=-20deg	H.Ang=31deg
88/04/16, 21:02	Peak	End times			
GOES	21:02:06	21:02:49	Qual=00		
HXRBS*	21:02:06	21:02:49	Qual=01		
UVSP	20:58			MaxkeV=79	
				Rast=10"x10"	Step=0" Pitch=-427", Yaw=-60"
				Tot Cts=1123	
				Exp #=65504	
Event # = 8870	DOY=107	SMM Pointing:	N23E12	Pitch=-486", Yaw=+13", Roll=-20deg	H.Ang=31deg
88/04/16, 22:16	Peak	End times			
GOES	22:10	22:26	Qual=01		
HXRBS*	22:09:11	22:13:45	Qual=01		
BCS	21:44	22:14	Qual=1		
FCS				MaxkeV=79	
UVSP	22:14			FePeak.c/s=109	dt= 3.8s XEN=810704
				Rast=0"x0"	Step=0" Cad=35.8s 35.84s/pixel
				Rast=200"x200"	Step=5" Pitch=-479", Yaw=+20"
Event # = 8871	DOY=107	SMM Pointing:	N23E12	Pitch=-486", Yaw=+13", Roll=-20deg	H.Ang=31deg
88/04/16, 22:36	Peak	End times			
GOES	22:26	22:43	Qual=01		
HXRBS*	22:26:32	22:28:54	Qual=01		
UVSP	22:33			MaxkeV=43	
				Rast=10"x10"	Step=0" Pitch=-428", Yaw=-78"
				Tot Cts=4260	
				Exp #=65512	
Event # = 21564	DOY=108	SMM Pointing:	N23E10	Pitch=-480", Yaw=-10", Roll=-20deg	H.Ang=30deg
88/04/17, 00:05	Peak	End times			
GOES	00:00	00:12	Qual=01		
BCS	00:03	00:05	Qual=1		
FCS				FePeak.c/s=14	dt= 7.7s XEN=810800
UVSP	00:04			Rast=0"x0"	Step=0" Cad=1.02s 1.024s/pixel
				Rast=200"x200"	Step=5" Pitch=-474", Yaw=+6"
Event # = 8872	DOY=108	SMM Pointing:	N23E10	Pitch=-480", Yaw=-10", Roll=-20deg	H.Ang=30deg
88/04/17, 01:06	Peak	End times			
GOES	01:06	01:22	Qual=01		
HXRBS*	01:00:45	01:04:26	Qual=01		
BCS	01:04	01:05	Qual=1		
FCS				MaxkeV=79	
UVSP	00:54			FePeak.c/s=43	dt= 3.8s XEN=810801
Radio Sweeps		Type/Intensity: V/2		Rast=0"x0"	Step=0" Cad= 860s 860.4s/pixel
				Rast=10"x10"	Step=0" Pitch=-417", Yaw=-91"
Event # = 8873	DOY=108	SMM Pointing:	N23E09	Pitch=-474", Yaw=-24", Roll=-20deg	H.Ang=30deg
88/04/17, 03:19	Peak	End times			
GOES	03:05	03:28	Qual=03		
HXRBS*	03:12:33	03:14:26	Qual=01		
BCS	03:15	03:16	Qual=1		
FCS				MaxkeV=43	
UVSP	03:13			FePeak.c/s=10	dt= 7.7s XEN=810802
Radio		Frequency(MHz)/Flux(sfu): 245/190		Rast=0"x0"	Step=0" Cad=1.02s 1.024s/pixel
				Rast=200"x200"	Step=5" Pitch=-465", Yaw=-19"

Event # = 8874									
88/04/17,04:34	DOY=108	Start	End times	SMM Pointing:	N23E08		Pitch=-470", Yaw=-37", Roll=-20deg	H. Ang=29deg	
Optical				Ha...Class=SB	N24E05	AR4990	Mac.=FKI	Carr. Lon.=281deg	H. Ang=30deg
GOES	04:25	04:34	04:43	Importance=M1	Qual=01		MaxkeV=150	Flags=M5	
HXRBS*	04:28:44	04:29:21	04:37:40	Peak...c/s=718	Qual=01	Tot Cts=72511	FePeak.c/s=206	#Peaks=1	dt= 3.8s XEN=810803
BCS	04:28	04:34	04:55	CaPeak.c/s=651	Qual= 1	FePeak=04:34	Rast=0"x0"	Step=0"	Cad=35.8s 35.84s/pixel
FCS							Rast=200"x200"	Step=5"	Pitch=-462", Yaw=-29"
UVSP	04:32			Wavelength=1375A	Code=00	Exp #=65541			
Radio	Frequency(MHz)/Flux(sfu):	245/290	410/460	1415/660	2695/60				
Event # = 21565									
88/04/17,04:55	DOY=108	Start	End times	SMM Pointing:	N24E05	AR4990	Mac.=FKI	Carr. Lon.=281deg	H. Ang=30deg
Optical				Ha...Class=SB	Qual=00		FePeak.c/s=6	#Peaks=1	dt= 7.7s XEN=810804
GOES	04:55	04:55	04:57	CaPeak.c/s=30	Qual= 5	FePeak=04:56	Rast=0"x0"	Step=0"	Cad= 860s 860.4s/pixel
BCS	04:55	04:55	04:57	Wavelength=1375A		Exp #=65544	Rast=10"x10"	Step=0"	Pitch=-451", Yaw=-91"
UVSP	04:48								
Event # = 8875									
88/04/17,06:02	DOY=108	Start	End times	SMM Pointing:	N23E07		Pitch=-466", Yaw=-49", Roll=-20deg	H. Ang=29deg	
GOES	05:53	06:02	06:09	Importance=C2	Qual=01		MaxkeV=61	#Peaks=1	dt= 7.7s XEN=810805
HXRBS*	05:58:53	05:59:11	06:00:08	Peak...c/s=149	Qual=01	Tot Cts=2164	FePeak.c/s=9	Step=0"	Cad=1.02s 1.024s/pixel
BCS	06:00	06:02	06:06	CaPeak.c/s=40	Qual= 1	FePeak=06:01	Rast=0"x0"	Step=0"	Pitch=-443", Yaw=-35"
FCS							Rast=10"x10"	Step=0"	
UVSP	05:56			Wavelength=1375A	Code=00	Exp #=65548			
Event # = 8876									
88/04/17,09:20	DOY=108	Start	End times	SMM Pointing:	N23E06		Pitch=-458", Yaw=-74", Roll=-20deg	H. Ang=29deg	
GOES					Qual=00		MaxkeV=43	Step=0"	
HXRBS*	09:20:15	09:20:47	09:21:11	Peak...c/s=122	Qual=01	Tot Cts=1028	Rast=10"x10"	Step=0"	Pitch=-434", Yaw=-66"
UVSP	09:11			Wavelength=1375A		Exp #=65564			
Event # = 21566									
88/04/17,15:37	DOY=108	Start	End times	SMM Pointing:	N20W04	AR4990	Mac.=FKI	Carr. Lon.=284deg	H. Ang=26deg
Optical				Ha...Class=SF	Qual=01		FePeak.c/s=10	#Peaks=1	dt= 7.7s XEN=810806
GOES	15:28	15:37	15:49	Importance=C1	Qual= 4	FePeak=15:33	Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
BCS	15:33	15:34	15:38	CaPeak.c/s=19		Exp #=65574	Rast=180"x1"	Step=0"	Pitch=-297", Yaw=-215"
FCS									
UVSP	15:50			Wavelength=2788A					
Event # = 8877									
88/04/17,16:01	DOY=108	Start	End times	SMM Pointing:	N23E01		Pitch=-433", Yaw=-137", Roll=-20deg	H. Ang=28deg	
Optical				Ha...Class=SF	N20W04	AR4990	Mac.=FKI	Carr. Lon.=284deg	H. Ang=26deg
GOES	15:49	16:01	16:17	Importance=C1	Qual=02		MaxkeV=43	#Peaks=1	dt= 7.7s XEN=810807
HXRBS*	15:51:01	15:51:16	15:51:50	Peak...c/s=92	Qual=01	Tot Cts=538	FePeak.c/s=8	Step=0"	Cad=1.02s 1.024s/pixel
BCS	15:51	15:52	15:56	CaPeak.c/s=25	Qual= 4	FePeak=15:51	Rast=0"x0"	Step=0"	Pitch=-297", Yaw=-215"
FCS							Rast=180"x1"	Step=0"	
UVSP	15:50			Wavelength=2788A	Code=01	Exp #=65574			

[illegible]

Event # = 8882									
88/04/18,05:30	DOY=109	Start	End times	SMM Pointing:	N23W07	Pitch=-101",Yaw=+456",Roll=90deg	H.Ang=29deg		
Optical				Ha...Class=2F	N20W14	Mac.=FKI	Carr.Lon.=286deg	H.Ang=29deg	
GOES 05:18	05:30	05:56	05:56	Importance=M2	Qual=01				
HXRBS* 05:18:54	05:24:50	05:33:16	05:33:16	Peak...c/s=655	Qual=01	Tot Cts=1.46E+5	#Peaks=1	dt= 7.7s	XEN=810902
BCS 05:13	05:28	06:02	06:02	CaPeak.c/s=1081	Qual=1	FePeak=05:26	Step=0"	Cad=35.8s	35.84s/pixel
FCS				WaveLength=1375A	Code=00	Rast=10"x10"	Step=0"	Pitch=-184"	Yaw=+425"
UVSP 05:29				Type/Intensity:		Exp #=65624			
Radio Sweeps				V/3					
Radio Frequency(MHz)/Flux(sfu):				245/180					
Event # = 21568									
88/04/18,06:02	DOY=109	Start	End times						
GOES 06:02	06:02	06:02	06:02	CaPeak.c/s=48	Qual=00				
BCS 05:58				WaveLength=1375A	Qual=5	FePeak=06:02	#Peaks=1	dt= 7.7s	XEN=810903
UVSP						Exp #=65628	Step=0"	Pitch=-128"	Yaw=+420"
Event # = 21569									
88/04/18,08:24	DOY=109	Start	End times						
Optical				Ha...Class=SF	N21W14	Mac.=FKI	Carr.Lon.=285deg	H.Ang=30deg	
GOES 08:12	08:24	08:42	08:42	Importance=C1	Qual=05				
BCS 08:28	08:28	08:31	08:31	CaPeak.c/s=19	Qual=5	FePeak=08:30	#Peaks=1	dt= 7.7s	XEN=810904
FCS				WaveLength=1375A	Code=00	Rast=200"x200"	Step=0"	Cad=1.02s	1.024s/pixel
UVSP 08:23						Exp #=65637	Step=5"	Pitch=-376"	Yaw=-261"
Event # = 21570									
88/04/18,12:05	DOY=109	Start	End times						
GOES 12:05	12:05	12:09	12:09	Importance=C1	Qual=01				
BCS 12:03	12:03	12:07	12:07	CaPeak.c/s=18	Qual=4	FePeak=12:03	#Peaks=1	dt= 7.7s	XEN=810905
FCS				WaveLength=2788A	Code=02	Rast=180"x1"	Step=0"	Cad=1.02s	1.024s/pixel
UVSP 12:14						Exp #=65647	Step=0"	Pitch=-238"	Yaw=-373"
Event # = 21571									
88/04/18,14:09	DOY=109	Start	End times						
GOES 13:29	14:09	14:54	14:54	Importance=C1	Qual=02				
BCS 13:51	13:52	13:53	13:53	CaPeak.c/s=19	Qual=4	FePeak=13:52	#Peaks=1	dt= 7.7s	XEN=810906
FCS				WaveLength=2788A		Rast=180"x1"	Step=0"	Cad=1.02s	1.024s/pixel
UVSP 14:24						Exp #=65650	Step=0"	Pitch=-230"	Yaw=-389"
Event # = 8884									
88/04/18,15:26	DOY=109	Start	End times	SMM Pointing:	N23W11	Pitch=-365",Yaw=-319",Roll=-20deg	H.Ang=30deg		
GOES 15:23	15:26	15:50	15:50	Importance=C1	Qual=03				
HXRBS* 15:23:12	15:23:39	15:23:57	15:23:57	Peak...c/s=73	Qual=01	Tot Cts=602			
UVSP 15:22				WaveLength=2788A	Code=00	Exp #=65651	Step=0"	Pitch=-228"	Yaw=-396"



Event # = 8891									
88/04/19 03:52	DOY=110	Peak	End times	SMM Pointing:	N21W21		Pitch=-284" ,Yaw=-441" ,Roll=-20deg	H.Ang=33deg	
Optical				Ha...Class=SF	N26E20		Mac.=DAI	Carr.Lon.=240deg	H.Ang=37deg
GOES 03:47	03:52	04:09		Importance=C2	Qual=03				
HXRBS* 03:47:25	03:47:41	03:47:58		Peak...c/s=92	Qual=01				
BCS 03:43	03:46	03:59		CaPeak.c/s=19	Qual= 4				
FCS									
UVSP 03:52				WaveLength=1375A	Code=02	Exp #=65697	MaxkeV=61	#Peaks=1	dt= 7.7s XEN=811001
							Rast=0"x0"	Step=0"	Cad=4.10s 4.096s/pixel
							Rast=10"x10"	Step=0"	Pitch=-350" ,Yaw=-440"
Event # = 21573									
88/04/19 04:48	DOY=110	Peak	End times						
GOES 04:41	04:48	05:00		Importance=C1	Qual=01				
BCS 04:43	04:43	04:44		CaPeak.c/s=18	Qual= 5	FePeak=04:43	FePeak.c/s=7	#Peaks=1	dt= 7.7s XEN=811002
FCS							Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
UVSP 04:39				WaveLength=1375A	Code=00	Exp #=65699	Rast=10"x10"	Step=0"	Pitch=-327" ,Yaw=-395"
Event # = 21574									
88/04/19 12:49	DOY=110	Peak	End times						
GOES 12:42	12:49	13:13		Importance=C2	Qual=01				
BCS 12:28	12:48	13:09		CaPeak.c/s=36	Qual= 1	FePeak=12:47	FePeak.c/s=9	#Peaks=2	dt= 7.7s XEN=811003
FCS							Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
UVSP 12:21				WaveLength=2788A		Exp #=65731	Rast=180"x1"	Step=0"	Pitch=-123" ,Yaw=-324"
Event # = 8892									
88/04/19 19:12	DOY=110	Peak	End times	SMM Pointing:	N21W29		Pitch=-237" ,Yaw=-552" ,Roll=-20deg	H.Ang=39deg	
GOES 18:58	19:12	19:42		Importance=C8	Qual=01				
HXRBS* 18:55:11	19:08:45	19:40:35		Peak...c/s=631	Qual=03				
UVSP 19:35				WaveLength=2788A					
Radio				245/51 410/130 606/69 1415/44 2695/130 4995/180 8800/120 15400/47					
Event # = 8893									
88/04/19 20:41	DOY=110	Peak	End times	SMM Pointing:	N21W30		Pitch=-228" ,Yaw=-562" ,Roll=-20deg	H.Ang=39deg	
Optical				Ha...Class=SF	N22W16		Mac.=FKI	Carr.Lon.=267deg	H.Ang=31deg
GOES 20:36	20:41	21:03		Importance=C5	Qual=01				
HXRBS* 20:35:04	20:39:17	20:42:12		Peak...c/s=178	Qual=01				
UVSP 20:37				WaveLength=1375A	Code=00	Tot Cts=8765	MaxkeV=61	Flags=ND	
						Exp #=65744	Rast=10"x10"	Step=0"	Pitch=-235" ,Yaw=-602"
Event # = 8894									
88/04/20 01:41	DOY=111	Peak	End times	SMM Pointing:	N21W33		Pitch=-219" ,Yaw=-593" ,Roll=-20deg	H.Ang=41deg	
Optical				Ha...Class=SF	N21W29		Mac.=FKI	Carr.Lon.=277deg	H.Ang=39deg
GOES 01:17	01:41	02:15		Importance=C2	Qual=03				
HXRBS* 01:18:17	01:19:08	01:20:26		Peak...c/s=137	Qual=01				
BCS 01:20	01:39	01:57		CaPeak.c/s=109	Qual= 1	Tot Cts=2603	MaxkeV=79	#Peaks=2	dt= 7.7s XEN=811100
FCS						FePeak=01:38	FePeak.c/s=18	Step=0"	Cad=1.02s 1.024s/pixel
UVSP 01:33				WaveLength=1375A	Code=00	Exp #=65770	Rast=10"x10"	Step=0"	Pitch=-241" ,Yaw=-540"

Event # = 8895									
88/04/20,10:38	DOY=111	Start	Peak	End times	SMM Pointing:	N21W38	Pitch=-193",Yaw=-653",Roll=-20deg	H.Ang=45deg	
Optical					Ha...Class=SF	N21W40	Mac.=FKI	Carr.Lon.=283deg	H.Ang=47deg
GOES	10:13	10:38	10:38	11:08	Importance=M1	Qual=04			
HXRBS*	10:34:48	10:35:18	10:35:18	10:59:00	Peak...c/s=79	Qual=02	MaxkeV=61	Flags=SA	dt= 3.8s
BCS	10:35	10:35	10:35	11:22	CaPeak.c/s=579	Qual= 5	FePeak.c/s=96	#Peaks=1	XEN=811101
FCS					Wavelength=2788A	Code=00	Rast=0"x0"	Step=0"	Cad=35.8s
UVSP	10:35						Rast=243"x243"	Step=3"	Pitch=-186",Yaw=-641"
Event # = 21575									
88/04/20,12:00	DOY=111	Start	Peak	End times					
GOES						Qual=00	FePeak.c/s=7	#Peaks=1	dt= 7.7s
BCS	11:59	12:00	12:00	12:23	CaPeak.c/s=34	Qual= 5	Rast=0"x0"	Step=0"	XEN=811102
FCS					Wavelength=2788A		Rast=180"x1"	Step=0"	Cad=1.02s
UVSP	11:51						Exp #=65814		Pitch=-55",Yaw=-477"
Event # = 21576									
88/04/20,13:15	DOY=111	Start	Peak	End times					
Optical					Ha...Class=LN	N22W33	Mac.=FKI	Carr.Lon.=275deg	H.Ang=42deg
GOES	13:06	13:15	13:15	14:10	Importance=C6	Qual=05	FePeak.c/s=8	#Peaks=1	dt= 7.7s
BCS	13:33	13:34	13:34	13:53	CaPeak.c/s=33	Qual= 5	Rast=0"x0"	Step=0"	XEN=811103
FCS					Wavelength=2788A		Rast=180"x1"	Step=0"	Cad=1.02s
UVSP	13:26						Exp #=65816		Pitch=-51",Yaw=-487"
Event # = 8896									
88/04/20,14:19	DOY=111	Start	Peak	End times	SMM Pointing:	N21W40	Pitch=-183",Yaw=-676",Roll=-20deg	H.Ang=47deg	
Optical					Ha...Class=SF	N23W37	Mac.=FKI	Carr.Lon.=278deg	H.Ang=46deg
GOES	14:17	14:19	14:19	14:35	Importance=C1	Qual=01	MaxkeV=61		
HXRBS*	14:16:23	14:17:18	14:17:18	14:17:56	Peak...c/s=113	Qual=01	FePeak.c/s=7	#Peaks=1	dt= 7.7s
BCS	14:18	14:19	14:19	14:22	CaPeak.c/s=22	Qual= 4	Rast=0"x0"	Step=0"	XEN=811104
FCS					Wavelength=2788A		Rast=180"x1"	Step=0"	Cad=1.02s
UVSP	14:24						Exp #=65817		Pitch=-49",Yaw=-492"
Event # = 8897									
88/04/20,16:06	DOY=111	Start	Peak	End times	SMM Pointing:	N21W41	Pitch=-177",Yaw=-686",Roll=-20deg	H.Ang=48deg	
GOES	15:59	16:06	16:06	16:59	Importance=C1	Qual=02	MaxkeV=43		
HXRBS*	15:58:55	16:00:30	16:01:52	16:01:52	Peak...c/s=81	Qual=01	Rast=180"x1"	Step=0"	Pitch=-43",Yaw=-501"
UVSP	15:59				Wavelength=2788A	Code=00	Exp #=65819		
BCS	16:40	16:43	16:43	16:57	CaPeak.c/s=36	Qual= 6	FePeak.c/s=5	#Peaks=1	dt= 0.1s
FCS		16:56	16:56		Peak3...c/s=64		Rast=0"x0"	Step=0"	XEN=811107
UVSP	16:33				Wavelength=2788A		Rast=180"x1"	Step=0"	Cad=1.02s
Event # = 21578									
88/04/20,17:08	DOY=111	Start	Peak	End times					
GOES						Qual=00	FePeak.c/s=12	#Peaks=1	dt= 0.1s
BCS	17:08	17:08	17:08	17:09	CaPeak.c/s=39	Qual= 6	Rast=0"x0"	Step=0"	XEN=811108
FCS					Peak3...c/s=5		Rast=180"x1"	Step=0"	Cad=1.02s
UVSP	17:32				Wavelength=2788A		Exp #=65821		Pitch=-39",Yaw=-510"



[illegible]

Event # = 21581									
88/04/21, 09:54	Start	DOY=112	Peak						
Optical				End times					
GOES	09:27	09:54		10:15	Ha...Class=2N	N19W52	AR4990	Mac.=FKI	Carr.Lon.=282deg H.Ang=57deg
BCS	10:05	10:05		10:53	Importance=M2	Qual=05			
FCS					CaPeak.c/s=331	Qual= 5	FePeak=10:05	FePeak.c/s=31	#Peaks=1 dt= 3.8s XEN=811203
UVSP	09:59				Wavelength=2788A	Code=02	Exp #=65878	Rast=25"x25"	Cad=25.6s 1.024s/pixel
								Rast=243"x243"	Pitch=-125", Yaw=-769"
Event # = 21582									
88/04/21, 12:15	Start	DOY=112	Peak						
Optical				End times					
GOES	12:01	12:15		12:48	Ha...Class=SF	N22W47	AR4990	Mac.=FKI	Carr.Lon.=276deg H.Ang=53deg
BCS	12:05	12:11		12:23	Importance=C1	Qual=03			
FCS					CaPeak.c/s=30	Qual= 1	FePeak=12:06	FePeak.c/s=7	#Peaks=1 dt= 7.7s XEN=811204
UVSP	12:22				Wavelength=2788A	Code=02	Exp #=65880	Rast=0"x0"	Cad=1.02s 1.024s/pixel
								Rast=180"x1"	Pitch=-8", Yaw=-609"
Event # = 8903									
88/04/21, 13:27	Start	DOY=112	Peak						
Optical				End times	SMM Pointing:	N21W52			Pitch=-127", Yaw=-792", Roll=-20deg H.Ang=57deg
GOES	13:26	13:27		13:31	Importance=B8	Qual=01			
HXRBS*	13:26:08	13:26:18		13:26:55	Peak...c/s=140	Qual=01	Tot Cts=822	MaxkeV=61	
UVSP	12:58				Wavelength=2788A		Exp #=65881	Rast=180"x1"	Pitch=-9", Yaw=-612"
Event # = 21583									
88/04/21, 14:28	Start	DOY=112	Peak						
Optical				End times					
GOES	14:14	14:28		14:47	Ha...Class=1N	N20W48	AR4990	Mac.=FKI	Carr.Lon.=276deg H.Ang=53deg
BCS	14:38	14:40		15:10	Importance=C4	Qual=05			
FCS					CaPeak.c/s=74	Qual= 5	FePeak=14:40	FePeak.c/s=9	#Peaks=1 dt= 3.8s XEN=811205
UVSP	14:31				Wavelength=2788A	Code=02	Exp #=65883	Rast=0"x0"	Cad=4.10s 4.096s/pixel
								Rast=180"x1"	Pitch=-14", Yaw=-619"
Event # = 21584									
88/04/21, 19:07	Start	DOY=112	Peak						
Optical				End times					
GOES	18:57	19:07		19:24	Ha...Class=SF	S23E28	AR5000	Mac.=BX0	Carr.Lon.=197deg H.Ang=32deg
BCS	19:23	19:23		19:24	Importance=C2	Qual=05			
FCS					CaPeak.c/s=105	Qual= 1	FePeak=19:23	FePeak.c/s=6	#Peaks=1 dt= 7.7s XEN=811206
UVSP	19:20				Wavelength=1375A		Exp #=65895	Rast=200"x200"	Cad=1.02s 1.024s/pixel
									Pitch=-135", Yaw=-811"
Event # = 21585									
88/04/21, 19:53	Start	DOY=112	Peak						
Optical				End times					
GOES	19:47	19:53		20:09	Importance=C1	Qual=01			
BCS	19:46	19:49		20:01	CaPeak.c/s=28	Qual= 4	FePeak=19:53	FePeak.c/s=15	#Peaks=1 dt= 7.7s XEN=811207
FCS					Wavelength=1375A	Code=00	Exp #=65899	Rast=0"x0"	Cad=1.02s 1.024s/pixel
UVSP	19:52							Rast=200"x200"	Pitch=-134", Yaw=-813"



88/04/23 DOY=114									
Event # = 8908									
88/04/23 16:53	DOY=114	S25E43						Pitch=+124", Yaw=+676", Roll=-20deg	H. Ang=46deg
Optical	Start	End times							
G0ES	16:44	16:53	Ha...Class=SF	N24W80	AR4990			Mac.=F50	H. Ang=83deg
HXRBS*	16:48:36	16:49:08	Importance=C3	Qual=01				MaxkeV=79	Flags=SN
UVSP	16:41	16:50:44	Peak...c/s=108	Qual=02	Tot Cts=2771			Rast=180"x1"	Pitch=+4", Yaw=+606"
			Wavelength=2788A	Code=01	Exp #=66036				
88/04/24 DOY=115									
Event # = 8909									
88/04/24 01:20	DOY=115	N23W85						Pitch=-49", Yaw=-953", Roll=-20deg	H. Ang=87deg
Optical	Start	End times							
G0ES	01:08	01:20	Code=LPS	N25W88	AR4990			Mac.=F50	H. Ang=90deg
HXRBS*	01:11:37	01:13:40	Importance=M2	Qual=03					
BCS	01:24	01:25:33	Peak...c/s=1463	Qual=01	Tot Cts=3.14E+5				
FCS	01:24	01:35	CaPeak.c/s=488	Qual=5	FePeak=01:24				
UVSP	01:05		Wavelength=1375A	Code=00	Exp #=66061				
Radio			Frequency(MHz)/Flux(sfu):	606/1 1415/61 2695/44 4995/100 8800/170 15400/98					
88/04/24 DOY=115									
Event # = 21587									
88/04/24 02:16	DOY=115								
G0ES	02:15	02:16	CaPeak.c/s=30	Qual=00	FePeak=02:17			FePeak.c/s=7	dt= 7.7s XEN=811501
BCS	02:15	02:43	Wavelength=1375A	Qual=5	Exp #=66065			Rast=0"x0"	Cad=1.02s 1.024s/pixel
FCS	02:17							Rast=10"x10"	Pitch=-82", Yaw=-951"
UVSP	02:17								
88/04/24 DOY=115									
Event # = 21588									
88/04/24 07:50	DOY=115								
G0ES	07:32	07:50	Importance=C3	Qual=03	FePeak=07:46				
BCS	07:39	07:48	CaPeak.c/s=116	Qual=1	Exp #=66082				
FCS	07:47		Wavelength=2788A	Code=00					
UVSP	07:47								
88/04/24 DOY=115									
Event # = 8910									
88/04/24 16:31	DOY=115	S25E31						Pitch=+166", Yaw=+539", Roll=-20deg	H. Ang=36deg
G0ES	16:26	16:31	Importance=B7	Qual=01					
HXRBS*	16:27:01	16:27:21	Peak...c/s=128	Qual=01	Tot Cts=1871			MaxkeV=79	
UVSP	16:13	16:28:34	Wavelength=2788A	Code=01	Exp #=66093			Rast=180"x1"	Pitch=+48", Yaw=+460"
88/04/24 DOY=115									
Event # = 21589									
88/04/24 19:51	DOY=115								
G0ES	19:26	19:51	Importance=B9	Qual=01	FePeak=19:32				
BCS	19:32	19:32	CaPeak.c/s=26	Qual=5	Exp #=66099				
FCS	19:46		Wavelength=1375A	Code=00	Event # = 21590				
UVSP	19:46		Associated	Qual=1	FePeak=19:55				
BCS	19:55	19:55	CaPeak.c/s=597	Qual=1					
FCS	19:55	19:57							

88/04/25 DOY=116									
Event # = 21591									
88/04/25, 01:23	DOY=116								
GOES 01:14	Peak 01:23	End times 01:56							
BCS 01:45	01:46	02:26	Importance=C2	Qual=05					
FCS			CaPeak.c/s=33	Qual= 5	FePeak=01:48	dt= 7.7s	XEN=811600		
UVSP 01:01			Wavelength=1375A		Exp #=66124	Step=0"	Cad=1.02s	1.024s/pixel	
						Step=5"	Pitch=-100"	Yaw=-937"	
Event # = 8911									
88/04/25, 16:12	DOY=116								
GOES 16:10:06	Peak 16:12:11	End times 16:12:34	SMM Pointing:	S20E66	Pitch=-3"	Yaw=+873"	Roll=-20deg	H.Ang=66deg	
HXRBS 15:46			Peak...c/s=57	Qual=00	MaxkeV=100	Step=0"	Pitch=-123"	Yaw=+796"	
UVSP			Wavelength=2788A	Qual=01	Rast=180"x1"				
Event # = 8912									
88/04/25, 16:45	DOY=116								
GOES 16:44	Peak 16:45	End times 16:59	SMM Pointing:	S20E66	Pitch=-3"	Yaw=+873"	Roll=-20deg	H.Ang=66deg	
HXRBS 16:44:35	16:44:56	16:45:05	Importance=B6	Qual=01	MaxkeV=71	Step=0"	Pitch=-123"	Yaw=+793"	
UVSP 16:45			Peak...c/s=56	Qual=01	Rast=180"x1"				
			Wavelength=2788A	Code=02	Exp #=66156				
88/04/26 DOY=117									
Event # = 8913									
88/04/26, 03:27	DOY=117								
Optical	Start	End times	SMM Pointing:	S20E59	Pitch=+7"	Yaw=+823"	Roll=-20deg	H.Ang=60deg	
GOES 03:24	03:27	03:39	Ha...Class=SF	S21E57	Mac.=DRI	Carr.Lon.=111deg		H.Ang=58deg	
HXRBS 03:24:41	03:25:09	03:26:12	Importance=B5	Qual=01	MaxkeV=100	Step=0"	Pitch=-114"	Yaw=+749"	
UVSP 03:42			Peak...c/s=99	Qual=01	Rast=180"x1"				
			Wavelength=2788A		Exp #=66172				
Event # = 8915									
88/04/26, 06:53	DOY=117								
GOES 06:51	Peak 06:53	End times 06:56	SMM Pointing:	S20E58	Pitch=+9"	Yaw=+813"	Roll=-20deg	H.Ang=58deg	
HXRBS 06:52:26	06:52:36	06:52:50	Importance=B3	Qual=01	MaxkeV=71	Step=0"	Pitch=-110"	Yaw=+736"	
UVSP 06:50			Peak...c/s=62	Qual=01	Rast=180"x1"				
			Wavelength=2788A	Code=00	Exp #=66176				
Event # = 21592									
88/04/26, 16:02	DOY=117								
Optical	Start	End times	SMM Pointing:	S21E54	Mac.=DRI	Carr.Lon.=107deg		H.Ang=55deg	
GOES 15:47	Peak 16:02	End times 16:15	Ha...Class=SF	Qual=01	FePeak.c/s=13	dt= 7.7s	XEN=811700		
BCS 15:50	15:51	15:54	Importance=B6	Qual= 4	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel	
FCS			CaPeak.c/s=19		Rast=180"x1"	Step=0"	Pitch=-100"	Yaw=+696"	
UVSP 15:16			Wavelength=2788A		Exp #=66187				
88/04/27 DOY=118									
Event # = 8916									
88/04/27, 01:23	DOY=118								
GOES 01:23:14	Peak 01:23:20	End times 01:23:39	SMM Pointing:	S20E48	Pitch=+32"	Yaw=+720"	Roll=-20deg	H.Ang=49deg	
HXRBS 01:23:14	01:23:20	01:23:39	Peak...c/s=79	Qual=01	MaxkeV=361	Flags=NS			
UVSP 01:39			Wavelength=2788A		Rast=180"x1"	Step=0"	Pitch=-86"	Yaw=+640"	

Event # = 21593									
88/04/30 DOY=121									
Start Peak									
End times									
G0ES	06:25	06:35	Importance=88	Qual=02					
BCS	06:33	06:33	CaPeak.c/s=19	Qual=1	FePeak=06:33				
FCS									
UVSP	06:28		Wavelength=2788A	Code=00	Exp #=66344	FePeak.c/s=10	#Peaks=1	dt= 7.7s	XEN=812100
						Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
						Rast=180"x1"	Step=0"	Pitch=+57"	Yaw=+60"
Event # = 21594									
88/05/03 DOY=124									
Start Peak									
End times									
Optical			Ha...Class=1F	S20W39	AR5002	Mac.=CAO	Carr.Lon.=107deg	H.Ang=41deg	
G0ES	15:25	15:48	Importance=C5	Qual=01					
BCS	15:27	15:36	CaPeak.c/s=59	Qual=1	FePeak=15:36	FePeak.c/s=11	#Peaks=2	dt= 3.8s	XEN=812400
FCS		15:30	Peak3..c/s=7			Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
UVSP	15:28		Wavelength=1375A	Code=01	Exp #=66482	Rast=10"x10"	Step=0"	Pitch=+551"	Yaw=-547"
Event # = 21595									
88/05/03 DOY=124									
Start Peak									
End times									
G0ES				Qual=00					
BCS	16:42	16:43	CaPeak.c/s=22	Qual=5	FePeak=16:48	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=812401
FCS						Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
UVSP	16:44		Wavelength=1375A		Exp #=66483	Rast=265"x265"	Step=5"	Pitch=-630"	Yaw=-314"
Event # = 21596									
88/05/03 DOY=124									
Start Peak									
End times									
G0ES	19:58	20:17	Importance=C2	Qual=03					
BCS	20:03	20:14	CaPeak.c/s=49	Qual=1	FePeak=20:05	FePeak.c/s=9	#Peaks=1	dt= 3.8s	XEN=812402
FCS						Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
UVSP	19:40		Wavelength=2788A		Exp #=66491	Rast=180"x1"	Step=0"	Pitch=+349"	Yaw=-304"
Event # = 21597									
88/05/03 DOY=124									
Start Peak									
End times									
G0ES	21:50	21:55	Importance=C2	Qual=03					
BCS	21:50	21:55	CaPeak.c/s=28	Qual=4	FePeak=21:54	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=812403
FCS	21:26	21:42				Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
UVSP	21:17		Wavelength=2788A		Exp #=66492	Rast=180"x1"	Step=0"	Pitch=+353"	Yaw=-313"
Event # = 21598									
88/05/03 DOY=124									
Start Peak									
End times									
G0ES	22:45	22:55	Importance=C2	Qual=05					
BCS	22:45	22:55	CaPeak.c/s=25	Qual=5	FePeak=22:59	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=812404
FCS	22:58	23:00				Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
UVSP	22:52		Wavelength=2788A	Code=00	Exp #=66493	Rast=180"x1"	Step=0"	Pitch=+356"	Yaw=-321"

Event # = 8930		88/05/04		DOY=125	
88/05/04	02:41	DOY=125	S22W48		
Optical	Start	End times	SMM Pointing:		
GOES	02:00	02:41	Ha...Class=SF	S18W45	AR5005
HXRBS	02:11:11	02:13:32	Importance=C3	Qual=01	
BCS	02:08	02:42	Peak...c/s=204	Qual=01	Tot Cts=20800
FCS			CaPeak.c/s=174	Qual= 1	FePeak=02:40
UVSP	02:57		Wavelength=2788A		Exp #=66497
Radio	Sweeps	Type/Intensity:	11/2 111/3 V/2		
Radio	Frequency (MHz)/Flux(sfu):	245/140 410/90	606/140 1415/110 2695/92 4995/38 8800/32		
HXRBS	02:36:07	02:37:01	02:41:00	Qual=11	Tot Cts=1160
		Peak...c/s=72			MaxkeV=71
Flags=D6					
-----					
Event # = 21599					
88/05/04	04:21	DOY=125			
GOES	04:16	04:29	Importance=C1	Qual=01	
BCS	04:18	04:19	CaPeak.c/s=40	Qual= 1	FePeak=04:19
FCS			Wavelength=2788A		Exp #=66499
UVSP	04:32				
-----					
Event # = 21600					
88/05/04	08:58	DOY=125			
Optical	Start	End times	S22W53		
GOES	08:47	09:19	Ha...Class=SF	Qual=01	AR5005
BCS	08:52	09:20	Importance=C3	Qual= 1	FePeak=08:56
FCS			CaPeak.c/s=141		Exp #=66505
UVSP	08:26		Wavelength=2788A	Code=00	
-----					
Event # = 21601					
88/05/04	12:08	DOY=125			
GOES	11:57	12:08	Importance=C2	Qual=03	
BCS	12:00	12:29	CaPeak.c/s=69	Qual= 1	FePeak=12:06
FCS			Wavelength=2788A		Exp #=66509
UVSP	12:22				
-----					
Event # = 21602					
88/05/04	16:22	DOY=125			
Optical	Start	End times	S23W59		
GOES	16:15	16:42	Ha...Class=SF	Qual=01	AR5005
BCS	16:21	16:29	Importance=C1	Qual= 4	FePeak=16:25
FCS			CaPeak.c/s=21		Exp #=66515
UVSP	16:16		Wavelength=1375A	Code=00	
-----					
Code=00 Exp #=66515					
Step=0" Pitch=+553", Yaw=-621"					







88/05/17 DOY=138									
Event # = 8928									
88/05/17,05:49		DOY=138	SMM Pointing:		S02W00	Pitch=+1",Yaw=-1",Roll=-20deg		H.Ang=0deg	
Start		Peak							
GOES 05:23		05:49	Importance=C2		Qual=03				
HXRBS 05:26:54		05:30:39	Peak...c/s=60		Qual=01				
UVSP 06:13		06:13	Wavelength=2788A			Tot Cts=609		Flags=1	
						Exp #=67011		Step=0"	
						Pitch=-2",Yaw=+5"			
Event # = 8929									
88/05/17,20:30		DOY=138	SMM Pointing:		S02W00	Pitch=+0",Yaw=-1",Roll=-20deg		H.Ang=0deg	
Start		Peak							
Optical									
GOES 19:27		20:30	Code=LPS						
HXRBS 19:29:56		20:16:57	Importance=M6		Qual=02				
UVSP 20:19		20:19	Peak...c/s=317		Qual=13				
			Wavelength=2788A		Code=01				
Radio Sweeps						Tot Cts=85896		Flags=M5,EN,IS	
Radio Frequency(MHz)/Flux(sfu):						Exp #=67029		Step=0"	
						Pitch=-2",Yaw=+5"			
Event # = 21609									
88/05/17,22:32		DOY=138							
Start		Peak							
GOES 22:32		22:32	CaPeak.c/s=74		Qual=00				
BCS 22:32		22:32	Wavelength=2788A		Qual= 5				
FCS 22:26		22:26				FePeak=22:47		#Peaks=1	
UVSP 22:26		22:26				Exp #=67040		Step=0"	
						Rast=180"x1"		Cad=4.10s	
								Pitch=-163",Yaw=+863"	
88/05/18 DOY=139									
Event # = 21610									
88/05/18,00:11		DOY=139							
Start		Peak							
GOES 00:06		00:11	CaPeak.c/s=21		Qual=00				
BCS 00:06		00:11	Wavelength=1375A		Qual= 5				
FCS 00:10		00:10				FePeak=00:27		#Peaks=1	
UVSP 00:10		00:10				Exp #=67050		Step=0"	
						Rast=130"x130"		Cad=1.02s	
								Pitch=+33",Yaw=+939"	
88/05/19 DOY=140									
Event # = 21611									
88/05/19,23:53		DOY=140							
Start		Peak							
GOES 23:35		23:53	Importance=C1		Qual=01				
BCS 23:35		23:53	CaPeak.c/s=39		Qual= 1				
FCS 23:44		23:55				FePeak=23:49		#Peaks=1	
UVSP 00:05		00:05	Wavelength=2788A			Exp #=67157		Step=0"	
						Rast=180"x1"		Cad=1.02s	
								Pitch=-108",Yaw=+862"	
88/05/20 DOY=141									
Event # = 21612									
88/05/20,04:26		DOY=141							
Start		Peak							
GOES 03:51		04:26	Importance=B9		Qual=01				
BCS 04:23		04:25	CaPeak.c/s=20		Qual= 4				
FCS 04:23		04:25				FePeak=04:23		#Peaks=1	
UVSP 03:45		03:45	Wavelength=2788A			Exp #=67162		Step=0"	
						Rast=180"x1"		Cad=1.02s	
								Pitch=-108",Yaw=+862"	



Event # = 21616 DOY=143									
88/05/22, 03:36	Start	Peak	End times						
Optical				Ha...Class=SF	S23E51	AR5025	Mac.=BX0	Carr.Lon.=133deg	H.Ang=54deg
Optical				Ha...Class=SF	S21E75	AR5027		Carr.Lon.=109deg	H.Ang=75deg
G0ES	03:21	03:36	04:19	Importance=C2	Qual=03				
BCS	03:27	03:30	03:39	CaPeak.c/s=21	Qual=4	FePeak=03:28			
FCS							FePeak.c/s=7	dt=7.7s	XEN=814301
UVSP	03:34			Wavelength=1375A	Code=00	Exp #=67302	Rast=0"x0"	Cad=1.02s	1.024s/pixel
				Associated		Event # = 21617	Rast=130"x130"	Pitch=+99"	Yaw=+928"
BCS	03:46	03:47	03:52	CaPeak.c/s=19	Qual=4	FePeak=03:50	FePeak.c/s=10	dt=7.7s	XEN=814302
FCS							Rast=0"x0"	Cad=1.02s	1.024s/pixel
UVSP	03:47			Wavelength=1375A	Code=02	Exp #=67303	Rast=265"x265"	Pitch=+57"	Yaw=+960"
Event # = 21618 DOY=143									
88/05/22, 11:07	Start	Peak	End times						
Optical				Ha...Class=1F	S24E74	AR5027	Mac.=DS0	Carr.Lon.=106deg	H.Ang=75deg
G0ES	10:58	11:07	11:46	Importance=C5	Qual=05				
BCS	11:15	11:15	11:32	CaPeak.c/s=33	Qual=5	FePeak=11:17	FePeak.c/s=8	dt=7.7s	XEN=814303
FCS							Rast=0"x0"	Cad=1.02s	1.024s/pixel
UVSP	11:11			Wavelength=1375A	Code=02	Exp #=67331	Rast=265"x265"	Pitch=+57"	Yaw=+960"
Event # = 21619 DOY=143									
88/05/22, 12:15	Start	Peak	End times						
G0ES	12:02	12:15	12:34	Importance=C1	Qual=05				
BCS	12:21	12:21	12:53	CaPeak.c/s=20	Qual=5	FePeak=12:21	FePeak.c/s=7	dt=7.7s	XEN=814304
FCS							Rast=0"x0"	Cad=1.02s	1.024s/pixel
UVSP	12:21			Wavelength=1375A	Code=02	Exp #=67337	Rast=265"x265"	Pitch=+57"	Yaw=+960"
Event # = 8934 DOY=143									
88/05/22, 21:50	Start	Peak	End times	SMM Pointing:	S24E67		Pitch=+77"	Yaw=+879"	H.Ang=68deg
G0ES									
HXRBS	21:49:30	21:50:07	21:52:00	Peak...c/s=87	Qual=01	Tot Cts=1664	MaxkeV=223		
UVSP	21:37			Wavelength=2788A		Exp #=67364	Rast=180"x1"	Step=0"	Pitch=-41"
88/05/23 DOY=144									
Event # = 21620 DOY=144									
88/05/23, 01:05	Start	Peak	End times						
Optical				Ha...Class=SF	S25E68	AR5027	Mac.=DSI	Carr.Lon.=104deg	H.Ang=69deg
G0ES					Qual=00				
BCS	01:02	01:05	01:12	CaPeak.c/s=21	Qual=4	FePeak=01:02	FePeak.c/s=15	dt=7.7s	XEN=814414
FCS							Rast=0"x0"	Cad=1.02s	1.024s/pixel
UVSP	00:56			Wavelength=1375A		Exp #=67369	Rast=130"x130"	Pitch=+97"	Yaw=+872"

Event # = 8935	DOY=144	Start	End times	SMM Pointing:	S24E64	Pitch=+85", Yaw=+859", Roll=-20deg	H. Ang=65deg
88/05/23, 03:09	Peak						
Optical				Ha...Class=SF	S24E60	Mac.=DSI	Carr.Lon.=111deg
G0ES	02:53	03:09	03:57	Importance=C9	Qual=03		H. Ang=62deg
HXRBS	02:53:41	02:58:38	03:08:11	Peak...c/s=78	Qual=01		
BCS	02:29	03:05	03:26	CaPeak.c/s=453	Qual=1	#Peaks=1	XEN=814401
FCS						dt= 7.7s	
UVSP	03:04			Wavelength=1375A	Code=00	Step=0"	Cad=35.8s
						Rast=130"x130"	Pitch=+89", Yaw=+839"
						Exp #=67381	
Event # = 21621	DOY=144	Start	End times				
88/05/23, 04:08	Peak						
G0ES					Qual=00		
BCS	04:08	04:08	05:00	CaPeak.c/s=102	Qual=5	#Peaks=1	XEN=814402
FCS						dt= 3.8s	
UVSP	04:06			Wavelength=1375A		Step=0"	Cad=4.10s
						Rast=10"x10"	Pitch=+121", Yaw=+876"
Event # = 21622	DOY=144	Start	End times				
88/05/23, 05:39	Peak						
G0ES				Importance=C8	Qual=05		
BCS	05:30	05:39	06:40	CaPeak.c/s=265	Qual=1	#Peaks=1	XEN=814403
FCS	05:49	06:02	06:34			dt= 7.7s	
UVSP	05:48			Wavelength=1375A	Code=02	Step=0"	Cad=4.10s
						Rast=265"x265"	Pitch=+95", Yaw=+862"
Event # = 8936	DOY=144	Start	End times	SMM Pointing:	S24E61	Pitch=+757", Yaw=-374", Roll=90deg	H. Ang=63deg
88/05/23, 07:59	Peak						
Optical				Ha...Class=SN	S25E58	Mac.=DSI	Carr.Lon.=110deg
G0ES	07:56	07:59	08:16	Importance=C4	Qual=01		H. Ang=61deg
HXRBS	07:55:43	07:56:18	07:57:51	Peak...c/s=132	Qual=01		
BCS	07:28	07:58	08:07	CaPeak.c/s=124	Qual=1	#Peaks=2	XEN=814404
FCS						dt= 7.7s	
UVSP	07:56			Wavelength=1375A	Code=00	Step=10"	Cad=36.9s
						Rast=60"x60"	XEN=814404
						Rast=265"x265"	1.024s/pixel
						Exp #=67402	Pitch=+766", Yaw=-360"
Event # = 21623	DOY=144	Start	End times				
88/05/23, 09:06	Peak						
Optical				Ha...Class=SN	S25E58	Mac.=DSI	Carr.Lon.=110deg
G0ES					Qual=00		H. Ang=61deg
BCS	09:06	09:06	09:24	CaPeak.c/s=53	Qual=5	#Peaks=1	XEN=814405
FCS						dt= 3.8s	
UVSP	09:03			Wavelength=1375A		Step=0"	Cad=4.10s
						Rast=130"x130"	XEN=814405
						Exp #=67405	4.096s/pixel
Event # = 8937	DOY=144	Start	End times	SMM Pointing:	S24E60	Pitch=+91", Yaw=+835", Roll=-20deg	H. Ang=62deg
88/05/23, 09:33	Peak						
G0ES				Importance=C2	Qual=01		
HXRBS	09:32	09:33	09:35	Peak...c/s=70	Qual=01	#Peaks=1	XEN=814406
BCS	09:32:20	09:32:26	09:32:38	CaPeak.c/s=20	Qual=1	dt= 7.7s	
FCS	09:34	09:34	09:36			Cad=4.10s	XEN=814406
UVSP	09:33			Wavelength=1375A	Code=02	Step=0"	Cad=4.10s
						Rast=265"x265"	Pitch=+99", Yaw=+848"
						Exp #=67408	
						Event # = 8938	
						Tot Cts=188	
HXRBS	09:33:17	09:33:30	09:34:08	Peak...c/s=66	Qual=01	MaxkeV=71	





Event # = 8944									
88/05/24, 16:43	Start	DOY=145	End times	SMM Pointing:	S24E43	Pitch=+142", Yaw=+687", Roll=-20deg	H. Ang=48deg		
G0ES 16:38	Peak	16:43	17:09	Importance=C1	Qual=01				
HXRBS 16:39:15	16:39:35	16:40:32	16:40:32	Peak...c/s=65	Qual=01				
BCS 16:40	16:42	16:48	16:48	CaPeak.c/s=52	Qual=1				
FCS									
UVSP 16:58				Wave length=2788A					
Event # = 21630									
88/05/24, 17:48	Start	DOY=145	End times						
G0ES 17:43	Peak	17:48	17:53	Importance=C1	Qual=01				
BCS 17:47	17:48	17:53	17:53	CaPeak.c/s=30	Qual=1				
FCS									
UVSP 17:31				Wave length=2788A	Code=01				
Event # = 21631									
88/05/24, 17:58	Start	DOY=145	End times						
G0ES 17:54	Peak	17:58	18:09	Importance=C1	Qual=01				
BCS 17:56	17:58	18:04	18:04	CaPeak.c/s=37	Qual=1				
FCS									
UVSP 17:31				Wave length=2788A					
Event # = 21632									
88/05/24, 21:04	Start	DOY=145	End times						
G0ES 20:56	Peak	21:04	21:22	Importance=C1	Qual=01				
BCS 21:00	21:03	21:10	21:10	CaPeak.c/s=48	Qual=1				
FCS									
UVSP 21:03				Wave length=1375A	Code=00				
Event # = 8945									
88/05/24, 22:34	Start	DOY=145	End times	SMM Pointing:	S24E40	Pitch=+150", Yaw=+653", Roll=-20deg	H. Ang=45deg		
Optical 22:31	Peak	22:34	22:45	Ha...Class=SF	S25E36	Mac.=EKI	Carr.Lon.=111deg	H. Ang=42deg	
G0ES 22:30:39	22:32:26	22:33:09	22:33:09	Importance=C2	Qual=01				
HXRBS 22:30:39	22:32:26	22:33:09	22:33:09	Peak...c/s=92	Qual=01				
BCS 22:32	22:34	22:38	22:38	CaPeak.c/s=105	Qual=1				
FCS									
UVSP 22:24				Wave length=1375A	Code=00				
Event # = 21633									
88/05/24, 23:10	Start	DOY=145	End times						
Optical 23:05	Peak	23:10	23:16	Ha...Class=SF	S24E39	Mac.=EKI	Carr.Lon.=108deg	H. Ang=44deg	
G0ES 23:09	23:10	23:14	23:14	Importance=C1	Qual=01				
BCS 23:09	23:10	23:14	23:14	CaPeak.c/s=26	Qual=4				
FCS									
UVSP 23:10				Wave length=1375A	Code=02				



Event # = 8946		88/05/25		DOY=146	
88/05/25, 03:27	Start	DOY=146	Peak	S24E38	Pointing:
Optical	03:21	03:27	03:30	Ha...Class=SF	Pitch=+160", Yaw=+633", Roll=-20deg
GOES	03:25:38	03:25:49	03:26:23	Importance=C1	Mac.=EKC Carr.Lon.=108deg H.Ang=43deg
HXRBS	03:25:38	03:25:49	03:26:23	Peak...c/s=101	MaxkeV=71
UVSP	03:22			Wave length=1375A	Rast=10"x10" Step=0" Pitch=+205", Yaw=+678"
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HXRBS	03:26:48	03:27:55	03:27:59	Peak...c/s=60	MaxkeV=71
-----		-----		-----	
Event # = 21634		88/05/25, 06:33		DOY=146	
88/05/25, 06:33	Start	DOY=146	Peak	S24E36	Pointing:
GOES	06:29	06:33	06:42	Ha...Class=SF	Pitch=+160", Yaw=+633", Roll=-20deg
BCS	06:32	06:32	06:35	Importance=B9	Mac.=EKC Carr.Lon.=108deg H.Ang=43deg
FCS				CaPeak.c/s=19	MaxkeV=71
UVSP	06:28			Wave length=1375A	Rast=10"x10" Step=0" Pitch=+205", Yaw=+678"
-----		-----		-----	
FePeak.c/s=9		FePeak=06:32		dt= 7.7s	XEN=814600
Rast=0"x0"				Cad=1.02s	1.024s/pixel
Rast=10"x10"				Pitch=+558", Yaw=-409"	
-----		-----		-----	
Event # = 21635		88/05/25, 09:35		DOY=146	
88/05/25, 09:35	Start	DOY=146	Peak	S24E36	Pointing:
GOES	09:29	09:35	10:30	Ha...Class=SF	Pitch=+160", Yaw=+633", Roll=-20deg
BCS	09:42	09:42	09:58	Importance=C4	Mac.=EKC Carr.Lon.=108deg H.Ang=43deg
FCS				CaPeak.c/s=138	MaxkeV=71
UVSP	09:39			Wave length=1375A	Rast=10"x10" Step=0" Pitch=+205", Yaw=+678"
Radio Sweeps		Type/Intensity:		II/1 II/1	
Radio Frequency (MHz)/Flux(sfu):		2695/10 4995/22 8800/30 15400/19			
-----		-----		-----	
Event # = 21636		88/05/25, 13:10		DOY=146	
88/05/25, 13:10	Start	DOY=146	Peak	S24E36	Pointing:
GOES	13:09	13:10	13:20	Ha...Class=SF	Pitch=+160", Yaw=+633", Roll=-20deg
BCS	13:09	13:09	13:13	Importance=C1	Mac.=EKC Carr.Lon.=108deg H.Ang=43deg
FCS				CaPeak.c/s=21	MaxkeV=71
UVSP	13:20			Wave length=2788A	Rast=10"x10" Step=0" Pitch=+205", Yaw=+678"
-----		-----		-----	
FePeak.c/s=7		FePeak=13:09		dt= 7.7s	XEN=814602
Rast=0"x0"				Cad=1.02s	1.024s/pixel
Rast=180"x1"				Pitch=+64", Yaw=+492"	
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Event # = 21637		88/05/25, 13:23		DOY=146	
88/05/25, 13:23	Start	DOY=146	Peak	S26E36	Pointing:
Optical	13:20	13:23	13:29	Ha...Class=SF	Pitch=+160", Yaw=+633", Roll=-20deg
GOES	13:20	13:21	13:25	Importance=C1	Mac.=EKC Carr.Lon.=103deg H.Ang=42deg
BCS	13:20	13:21	13:25	CaPeak.c/s=35	MaxkeV=71
FCS				Wave length=2788A	Rast=10"x10" Step=0" Pitch=+205", Yaw=+678"
UVSP	13:20			Wave length=2788A	Rast=180"x1" Step=0" Pitch=+64", Yaw=+492"
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FePeak.c/s=11		FePeak=14:36		dt= 7.7s	XEN=814603
Rast=0"x0"				Cad=1.02s	1.024s/pixel
Rast=180"x1"				Pitch=+64", Yaw=+492"	
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Event # = 21638		88/05/25, 14:37		DOY=146	
88/05/25, 14:37	Start	DOY=146	Peak	S24E33	Pointing:
Optical	14:23	14:37	14:47	Ha...Class=SF	Pitch=+160", Yaw=+633", Roll=-20deg
GOES	14:23	14:37	14:47	Importance=C2	Mac.=EKC Carr.Lon.=105deg H.Ang=39deg
BCS	14:33	14:36	14:58	CaPeak.c/s=66	MaxkeV=71
FCS				Wave length=2788A	Rast=10"x10" Step=0" Pitch=+205", Yaw=+678"
UVSP	14:55			Wave length=2788A	Rast=180"x1" Step=0" Pitch=+67", Yaw=+482"
Radio Sweeps		Type/Intensity:		II/2 V/2	



Event # = 8950 88/05/26, 00:17 Start	DOY=147 Peak	End times	SMM Pointing:	S24E27		Pitch=+210", Yaw=+495", Roll=-20deg	H. Ang=35deg
Optical			Ha...Class=SF	S26E31		Mac.=EKI	H. Ang=39deg
GOES 00:10	00:17	00:24	Importance=C2	Qual=01	AR5027		
HXRBS 00:14:01	00:16:07	00:17:12	Peak...c/s=62	Qual=01	Tot Cts=1359	MaxkeV=71	
UVSP 00:18			Wavelength=2788A	Code=02	Exp #=67602	Rast=180"x1"	Pitch=+91", Yaw=+419"
Event # = 8951 88/05/26, 01:05 Start	DOY=147 Peak	End times	SMM Pointing:	S24E26		Pitch=+213", Yaw=+485", Roll=-20deg	H. Ang=34deg
Optical			Ha...Class=SB	S28E30		Mac.=EKI	H. Ang=39deg
GOES 01:00	01:05	01:16	Importance=M1	Qual=01	AR5027		
HXRBS 01:00:06	01:02:25	01:08:00	Peak...c/s=514	Qual=01	Tot Cts=42663	MaxkeV=130	dt= 3.8s XEN=814701
BCS 01:03	01:05	01:38	CaPeak.c/s=693	Qual= 1	FePeak=01:05	Rast=0"x0"	Step=0" dt= 3.8s XEN=814701
FCS 00:52			Wavelength=2788A	Code=01	Exp #=67603	Rast=180"x1"	Step=0" Pitch=+92", Yaw=+415"
UVSP Radio	Frequency (MHz)/Flux(sfu):		410/150 606/41 1415/63 2695/74 4995/73 8800/91 15400/56				
Event # = 8952 88/05/26, 01:22 Start	DOY=147 Peak	End times	SMM Pointing:	S24E26		Pitch=+213", Yaw=+485", Roll=-20deg	H. Ang=34deg
Optical			Ha...Class=SB	S28E30		Mac.=EKI	H. Ang=39deg
GOES 01:16	01:22	01:42	Importance=C4	Qual=01	AR5027		
HXRBS 01:15:40	01:16:20	01:16:55	Peak...c/s=74	Qual=01	Tot Cts=809	MaxkeV=71	
UVSP 00:52			Wavelength=2788A		Exp #=67603	Rast=180"x1"	Step=0" Pitch=+92", Yaw=+415"
Event # = 21643 88/05/26, 01:46 Start	DOY=147 Peak	End times	Ha...Class=SB	S28E30		Mac.=EKI	H. Ang=39deg
Optical			Importance=C2	Qual=01	AR5027		
GOES 01:42	01:46	01:50	CaPeak.c/s=44	Qual= 1	FePeak=01:44	dt= 7.7s XEN=814702	
BCS 01:38	01:45	01:58	Wavelength=2788A	Code=02	Exp #=67604	Rast=180"x1"	Step=0" Cad=4.10s 4.096s/pixel
FCS 01:52							Pitch=+95", Yaw=+408"
UVSP 01:52							
Event # = 8953 88/05/26, 02:57 Start	DOY=147 Peak	End times	SMM Pointing:	S24E25		Pitch=+215", Yaw=+473", Roll=-20deg	H. Ang=33deg
Optical			Ha...Class=SF	S24E24		Mac.=EKI	H. Ang=32deg
GOES 02:43	02:57	03:38	Importance=C3	Qual=01	AR5027		
HXRBS 02:55:13	02:55:25	02:55:45	Peak...c/s=55	Qual=01	Tot Cts=85	MaxkeV=71	dt= 3.8s XEN=814703
BCS 02:46	02:52	03:17	CaPeak.c/s=95	Qual= 1	FePeak=02:51	Rast=240"x240"	Cad= 131s 0.512s/pixel
FCS 03:27			Wavelength=2788A		Exp #=67606	Rast=180"x1"	Step=0" Pitch=+99", Yaw=+397"
UVSP 03:27							
Event # = 21644 88/05/26, 04:21 Start	DOY=147 Peak	End times	Ha...Class=SF	S27E27		Mac.=EKI	H. Ang=36deg
Optical			Importance=C1	Qual=01	AR5027		
GOES 04:10	04:21	04:23	CaPeak.c/s=24	Qual= 1	FePeak=04:20	dt= 7.7s XEN=814704	
BCS 04:20	04:20	04:23	Wavelength=1375A	Code=00	Exp #=67608	Rast=0"x0"	Cad=1.02s 1.024s/pixel
FCS 04:14						Rast=10"x10"	Step=0" Pitch=+253", Yaw=+420"

Event # = 8954											
88/05/26	05:01	DOY=147	SMM Pointing:		S24E24	Pitch=+221", Yaw=+462", Roll=-20deg		H. Ang=33deg			
GOES	04:51	05:01	End times	Qual=03							
HXRBS	04:53:18	04:54:10	05:43	Importance=C2							
BCS	04:56	05:02	04:55:16	Peak...c/s=63							
FCS			05:06	CaPeak.c/s=120							
UVSP	05:00			Wavelength=1375A							
				Code=00							
Event # = 21645											
88/05/26	07:47	DOY=147	SMM Pointing:		S24E22	Pitch=+233", Yaw=+430", Roll=-20deg		H. Ang=31deg			
Optical			End times	Qual=01							
GOES	07:39	07:47	07:55	Ha...Class=SF							
BCS	07:45	07:45	07:50	Importance=B9							
FCS				CaPeak.c/s=22							
UVSP	07:46			Wavelength=1375A							
				Code=00							
Event # = 8955											
88/05/26	09:44	DOY=147	SMM Pointing:		S24E22	Pitch=+233", Yaw=+430", Roll=-20deg		H. Ang=31deg			
GOES	09:36	09:44	09:52	Importance=C1							
HXRBS	09:41:54	09:42:02	09:42:43	Peak...c/s=261							
BCS	09:43	09:43	09:47	CaPeak.c/s=23							
FCS				Wavelength=1375A							
UVSP	09:42			Code=00							
Event # = 8956											
88/05/26	11:16	DOY=147	SMM Pointing:		S24E21	Pitch=+237", Yaw=+418", Roll=-20deg		H. Ang=30deg			
GOES	11:11	11:16	11:21	Importance=B6							
HXRBS	11:14:11	11:14:33	11:14:46	Peak...c/s=99							
BCS	10:45			Wavelength=2788A							
UVSP				Code=00							
Event # = 21646											
88/05/26	19:51	DOY=147	SMM Pointing:		S24E15	Pitch=+243"x243" Step=3"		Yaw=+429"			
Optical			End times	Qual=01							
GOES	19:42	19:51	20:01	Ha...Class=SF							
BCS	19:48	19:49	19:54	Importance=B9							
FCS				CaPeak.c/s=22							
UVSP	19:52			Wavelength=1375A							
				Code=02							
Event # = 8957											
88/05/26	20:08	DOY=147	SMM Pointing:		S24E16	Pitch=+262", Yaw=+352", Roll=-20deg		H. Ang=28deg			
GOES	20:05	20:08	20:18	Importance=C1							
HXRBS	20:05:35	20:06:15	20:07:06	Peak...c/s=74							
BCS	20:07	20:08	20:14	CaPeak.c/s=30							
FCS				Wavelength=1375A							
UVSP	20:06			Code=00							

Event # = 21647									
88/05/26,20:52	DOY=147	Start	Peak						
Optical		End times		Ha...Class=1F	S26E16	AR5027	Mac.=EKI	Carr. Lon.=105deg	H. Ang=29deg
GOES	20:25	21:07		Importance=C5	Qual=02		FePeak.c/s=47	#Peaks=1	dt= 3.8s
BCS	20:26	20:37		CaPeak.c/s=228	Qual= 1	FePeak=20:37	Rast=25"x25"	Cad=25.6s	XEN=814710
FCS							Rast=10"x10"	Pitch=0"	1.024s/pixel
UVSP	20:37			Wavelength=1375A	Code=01	Exp #=67655			Yaw=+398"
Event # = 21648									
88/05/26,21:14	DOY=147	Start	Peak						
Optical		End times		Ha...Class=SF	S26E16	AR5027	Mac.=EKI	Carr. Lon.=105deg	H. Ang=29deg
GOES	21:08	21:34		Importance=M1	Qual=05		FePeak.c/s=47	#Peaks=1	dt= 3.8s
BCS	21:23	22:15		CaPeak.c/s=273	Qual= 1	FePeak=21:25	Rast=0"x0"	Cad=4.10s	XEN=814708
FCS							Rast=200"x200"	Pitch=5"	4.096s/pixel
UVSP	21:23			Wavelength=1375A	Code=02	Exp #=67656			Yaw=+352"
Radio Sweeps		Type/Intensity:		111/1					
Radio Frequency (MHz)/Flux(sfu):		4995/60	8800/68						
88/05/27 DOY=148									
88/05/27,05:46	DOY=148	Start	Peak	SMM Pointing:	S24E11		Pitch=+287", Yaw=+281", Roll=-20deg		H. Ang=25deg
Optical		End times		Ha...Class=SN	S28E15	AR5027	Mac.=EKI	Carr. Lon.=102deg	H. Ang=30deg
GOES	05:37	05:46	05:57	Importance=C6	Qual=01		MaxkeV=71		
HXRBS	05:41:03	05:44:22	05:47:01	Peak...c/s=55	Qual=01	Tot Cts=4026	FePeak.c/s=79	#Peaks=1	dt= 3.8s
BCS	05:39	05:45	06:04	CaPeak.c/s=353	Qual= 1	FePeak=05:45	Rast=0"x0"	Cad=35.8s	XEN=814800
FCS							Rast=10"x10"	Pitch=0"	35.84s/pixel
UVSP	05:35			Wavelength=1375A	Code=00	Exp #=67699			Yaw=+356"
Event # = 8960									
88/05/27,11:40	DOY=148	Start	Peak	SMM Pointing:	S24E08		Pitch=+304", Yaw=+233", Roll=-20deg		H. Ang=24deg
Optical		End times		Ha...Class=SF	S26E13	AR5027	Mac.=EKI	Carr. Lon.=100deg	H. Ang=28deg
GOES	11:24	11:40	12:33	Importance=C7	Qual=01		MaxkeV=71		
HXRBS	12:03:33	12:03:40	12:03:50	Peak...c/s=122	Qual=01	Tot Cts=316	FePeak.c/s=8	#Peaks=1	dt= 3.8s
BCS	11:55	11:58	12:17	CaPeak.c/s=88	Qual= 5	FePeak=11:58	Rast=60"x60"	Cad=36.9s	XEN=814801
FCS							Rast=180"x1"	Pitch=0"	1.024s/pixel
UVSP	11:20			Wavelength=2788A	Code=01	Exp #=67720			Yaw=+164"
Radio Sweeps		Type/Intensity:		V/3					
Radio Frequency (MHz)/Flux(sfu):		2695/17	4995/50	8800/92	15400/75				
Event # = 8961									
88/05/27,13:51	DOY=148	Start	Peak	SMM Pointing:	S24E07		Pitch=+309", Yaw=+221", Roll=-20deg		H. Ang=24deg
Optical		End times		Ha...Class=1B	S25E05	AR5027	Mac.=EKI	Carr. Lon.=107deg	H. Ang=24deg
GOES	13:41	13:51	14:10	Importance=M2	Qual=03		MaxkeV=130	Flags=M5	
HXRBS	13:42:26	13:47:40	13:58:52	Peak...c/s=1251	Qual=01	Tot Cts=1.62E+5	FePeak.c/s=540	#Peaks=1	dt= 3.8s
BCS	13:44	13:50	14:01	CaPeak.c/s=1638	Qual= 1	FePeak=13:51	Rast=0"x0"	Cad=35.8s	XEN=814802
FCS							Rast=180"x1"	Pitch=0"	35.84s/pixel
UVSP	13:56			Wavelength=2788A	Code=02	Exp #=67723			Yaw=+144"
Radio Sweeps		Type/Intensity:		V/2					
Radio Frequency (MHz)/Flux(sfu):		2695/17	4995/50	8800/92	15400/75				

Event # = 21649									
88/05/27, 16:01	Start	DOY=148	Peak	End times					
Optical	15:44	16:01	16:11	16:14	16:26	16:36	16:46	16:56	17:06
GOES	15:44	16:01	16:11	16:14	16:26	16:36	16:46	16:56	17:06
BCS	16:11	16:11	16:11	16:14	16:26	16:36	16:46	16:56	17:06
FCS	16:11	16:11	16:11	16:14	16:26	16:36	16:46	16:56	17:06
UVSP	16:02	16:02	16:02	16:02	16:02	16:02	16:02	16:02	16:02
Event # = 21650									
88/05/27, 18:35	Start	DOY=148	Peak	End times					
Optical	18:30	18:35	18:36	18:36	18:40	18:40	18:40	18:40	18:40
GOES	18:30	18:35	18:36	18:36	18:40	18:40	18:40	18:40	18:40
BCS	18:33	18:34	18:34	18:34	18:36	18:36	18:36	18:36	18:36
FCS	18:33	18:34	18:34	18:34	18:36	18:36	18:36	18:36	18:36
UVSP	18:37	18:37	18:37	18:37	18:37	18:37	18:37	18:37	18:37
Event # = 8962									
88/05/27, 20:04	Start	DOY=148	Peak	End times					
Optical	19:56	20:04	20:04	20:04	20:04	20:04	20:04	20:04	20:04
GOES	19:56	20:04	20:04	20:04	20:04	20:04	20:04	20:04	20:04
HXRBS	20:00:00	20:00:39	20:01:39	20:01:39	20:01:39	20:01:39	20:01:39	20:01:39	20:01:39
BCS	20:01	20:03	20:10	20:10	20:10	20:10	20:10	20:10	20:10
FCS	20:01	20:03	20:10	20:10	20:10	20:10	20:10	20:10	20:10
UVSP	20:12	20:12	20:12	20:12	20:12	20:12	20:12	20:12	20:12
Event # = 8963									
88/05/27, 23:12	Start	DOY=148	Peak	End times					
GOES	23:11:00	23:12:10	23:13:51	23:13:51	23:13:51	23:13:51	23:13:51	23:13:51	23:13:51
HXRBS	23:11:00	23:12:10	23:13:51	23:13:51	23:13:51	23:13:51	23:13:51	23:13:51	23:13:51
UVSP	23:20	23:20	23:20	23:20	23:20	23:20	23:20	23:20	23:20
Event # = 8964									
88/05/28, 00:57	Start	DOY=149	Peak	End times					
Optical	00:41	00:57	00:57	00:57	00:57	00:57	00:57	00:57	00:57
GOES	00:41	00:57	00:57	00:57	00:57	00:57	00:57	00:57	00:57
HXRBS	00:40:59	00:50:23	00:58:44	00:58:44	00:58:44	00:58:44	00:58:44	00:58:44	00:58:44
BCS	00:45	00:57	00:59	00:59	00:59	00:59	00:59	00:59	00:59
FCS	00:45	00:57	00:59	00:59	00:59	00:59	00:59	00:59	00:59
UVSP	00:04	00:04	00:04	00:04	00:04	00:04	00:04	00:04	00:04
Event # = 21651									
88/05/28, 01:37	Start	DOY=149	Peak	End times					
GOES	01:36	01:37	01:42	01:42	01:42	01:42	01:42	01:42	01:42
BCS	01:36	01:37	01:42	01:42	01:42	01:42	01:42	01:42	01:42
FCS	01:36	01:37	01:42	01:42	01:42	01:42	01:42	01:42	01:42
UVSP	01:37	01:37	01:37	01:37	01:37	01:37	01:37	01:37	01:37

Event # = 21652									
88/05/28,08:04	Start	Peak	DOY=149						
Optical	End times			AR5027	Mac.=FKC	Carr.Lon.=106deg	H.Ang=24deg		
G0ES	07:51	08:04	08:19		FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=814901	
BCS	08:08	08:08	08:12		Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel	
FCS					Rast=10"x10"	Step=0"	Pitch=-120"	Yaw=-390"	
UVSP	08:03			Exp #=67771					
Radio	Frequency(MHz)/Flux(sfu): 8800/35 15400/25								
Event # = 8965									
88/05/28,08:26	Start	Peak	DOY=149						
Optical	End times			AR5027	Mac.=FKC	Carr.Lon.=106deg	H.Ang=24deg		
G0ES	08:20	08:26	08:50		MaxkeV=100	#Peaks=1	dt= 3.8s	XEN=814902	
HXRBS	08:20:06	08:22:43	08:25:57		FePeak.c/s=82	Step=5"	Cad=25.6s	1.024s/pixel	
BCS	08:23	08:25	08:36	Tot Cts=10167	Rast=25"x25"	Step=0"	Pitch=+14"	Yaw=-380"	
FCS				FePeak=08:25					
UVSP	08:18			Exp #=67773					
Radio	Frequency(MHz)/Flux(sfu): 4995/34 8800/83 15400/26								
Event # = 21653									
88/05/28,11:19	Start	Peak	DOY=149						
Optical	End times			AR5027	Mac.=FKC	Carr.Lon.=106deg	H.Ang=25deg		
G0ES	11:10	11:19	11:26		FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=814903	
BCS	11:24	11:24	11:31		Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel	
FCS					Rast=265"x265"	Step=5"	Pitch=+379"	Yaw=+65"	
UVSP	11:19			Exp #=67784					
Radio	Frequency(MHz)/Flux(sfu): 8800/44								
Event # = 21654									
88/05/28,11:42	Start	Peak	DOY=149						
Optical	End times			AR5027	Mac.=FKC	Carr.Lon.=106deg	H.Ang=25deg		
G0ES	11:36	11:42	12:00		FePeak.c/s=12	#Peaks=1	dt= 3.8s	XEN=814904	
BCS	11:36	11:43	11:57		Rast=0"x0"	Step=0"	Cad=4.10s	4.096s/pixel	
FCS					Rast=10"x10"	Step=0"	Pitch=+422"	Yaw=+16"	
UVSP	11:39			Exp #=67787					
Event # = 8966									
88/05/28,13:26	Start	Peak	DOY=149						
Optical	End times			AR5027	Mac.=FKC	Carr.Lon.=106deg	H.Ang=24deg		
G0ES	13:21	13:26	13:32		MaxkeV=71	#Peaks=1	dt= 3.8s	XEN=814904	
HXRBS	13:22:18	13:22:37	13:23:34		Rast=10"x10"	Step=0"	Pitch=+402"	Yaw=+24"	
BCS	13:16			Tot Cts=1654					
UVSP	13:16			Exp #=67793					
Radio	Frequency(MHz)/Flux(sfu): 4995/31 8800/24								

Event # = 8967	DOY=149	End times	SMM Pointing:	S24W07	Pitch=+380", Yaw=+31", Roll=-20deg	H. Ang=24deg
88/05/28, 14:52	Peak					
Optical						
GOES 14:48	14:52	14:59	Ha...Class=SN	S25W04	Mac.=FKC	H. Ang=24deg
HXRBS 14:49:17	14:49:45	14:50:07	Importance=C1	Qual=01		
BCS 14:50	14:51	14:56	Peak...c/s=305	Qual=01	Carr. Lon.=102deg	
FCS			CaPeak.c/s=41	Qual=1	Flags=M5	
UVSP 14:50			Wavelength=1375A	Code=00	#Peaks=1	dt= 7.7s XEN=814906
					Step=0"	Cad=1.02s 1.024s/pixel
					Step=0"	Pitch=+366", Yaw=+167"
Event # = 21655	DOY=149	End times				
88/05/28, 17:53	Peak					
Optical						
GOES 17:47	17:53	17:59	Ha...Class=SF	S24W08	Mac.=FKC	H. Ang=24deg
BCS 17:49	17:51	17:55	Importance=89	Qual=01		
FCS			CaPeak.c/s=24	Qual=1	FePeak.c/s=11	#Peaks=1 dt= 7.7s XEN=814907
UVSP 17:50			Wavelength=1375A	Code=00	Rast=0"x0"	Step=0"
					Rast=265"x265"	Step=5" Pitch=+399", Yaw=+17"
Event # = 21656	DOY=149	End times				
88/05/28, 19:32	Peak					
GOES 19:27	19:32	20:15	Importance=C1	Qual=03		
BCS 19:29	19:30	19:41	CaPeak.c/s=26	Qual=1	FePeak.c/s=14	#Peaks=1 dt= 7.7s XEN=814908
FCS			Wavelength=2788A	Code=00	Rast=115"x115"	Step=5" Cad=1083s 2.048s/pixel
UVSP 18:53			Wavelength=2788A	Code=00	Rast=243"x243"	Step=3" Pitch=+402", Yaw=+9"
Radio Sweeps			111/2 V/3			
Event # = 21657	DOY=149	End times				
88/05/28, 22:41	Peak					
GOES 22:22	22:41	22:53	Importance=C1	Qual=01		
BCS 22:28	22:39	22:51	CaPeak.c/s=36	Qual=1	FePeak.c/s=17	#Peaks=1 dt= 7.7s XEN=814909
FCS			Wavelength=2788A	Code=00	Rast=0"x0"	Step=0"
UVSP 22:51					Rast=180"x1"	Step=0" Pitch=+285", Yaw=+151"
Event # = 21658	DOY=149	End times				
88/05/28, 23:26	Peak					
Optical						
GOES 23:12	23:26	00:15	Ha...Class=SF	S24W12	Mac.=FKC	H. Ang=26deg
BCS 23:32	23:35	00:05	Importance=C3	Qual=05		
FCS			CaPeak.c/s=68	Qual=5	FePeak.c/s=16	#Peaks=1 dt= 3.8s XEN=814910
UVSP 23:24			Wavelength=2788A	Code=00	Rast=240"x240"	Step=15" Cad=131s 0.512s/pixel
					Rast=180"x1"	Step=0" Pitch=+286", Yaw=+147"
Event # = 21659	DOY=150	End times				
88/05/29, 00:24	Peak					
GOES 00:19	00:24	00:29	CaPeak.c/s=20	Qual=00		
BCS 00:19	00:24	00:29	Wavelength=2788A	Qual=4	FePeak.c/s=15	#Peaks=1 dt= 7.7s XEN=815000
UVSP 00:24					Rast=180"x1"	Step=0" Pitch=+289", Yaw=+139"



Event # = 21660									
88/05/29, 01:29	DOY=150	Start	End times						
G0ES 01:04	Peak 01:29		02:05	Importance=C3	Qual=01				
BCS 01:06	01:26		01:46	CaPeak.c/s=107	Qual= 1	FePeak=01:24			
FCS						Exp #=67826			
UVSP 01:58				Wave length=2788A					
Event # = 21661									
88/05/29, 04:37	DOY=150	Start	End times						
G0ES 04:31	Peak 04:37		04:43	Importance=C1	Qual=01				
BCS 04:36	04:37		04:40	CaPeak.c/s=25	Qual= 1	FePeak=04:37			
FCS						Exp #=67838			
UVSP 04:33				Wave length=1375A	Code=00				
Event # = 8968									
88/05/29, 04:49	DOY=150	Start	End times	SMM Pointing:	S24W14				
G0ES 04:49:08	Peak 04:49:13		04:49:33		Qual=00				
HXRBS 04:47				Peak...c/s=83	Qual=01	Tot Cts=260			
UVSP 04:47				Wave length=1375A		Exp #=67840			
Event # = 21662									
88/05/29, 05:54	DOY=150	Start	End times						
G0ES 05:50	Peak 05:54		06:05	Importance=C5	Qual=05				
BCS 05:59	06:01		06:04	CaPeak.c/s=32	Qual= 5	FePeak=05:59			
FCS						Exp #=67843			
UVSP 05:52				Wave length=1375A	Code=00				
Event # = 21663									
88/05/29, 06:08	DOY=150	Start	End times						
G0ES 06:05	Peak 06:08		06:15	Importance=C1	Qual=01				
BCS 06:09	06:09		06:11	CaPeak.c/s=21	Qual= 1	FePeak=06:09			
FCS						Exp #=67845			
UVSP 06:08				Wave length=1375A	Code=02				
Event # = 21664									
88/05/29, 09:14	DOY=150	Start	End times						
Optical 09:09	Peak 09:14		09:32	Ha...Class=SF	S25W15	AR5027			
G0ES 09:17	09:17		09:32	Importance=C2	Qual=01				
BCS 09:17				CaPeak.c/s=73	Qual= 5	FePeak=09:17			
FCS									
UVSP									
Radio									
				Frequency(MHz)/Flux(sfu):	2695/13 4995/30				

Event # = 21665									
88/05/29, 12:49	Start	DOY=150	Peak	End times					
Optical	12:42	12:49	12:55						
GOES	12:49	12:49	12:51						
BCS	12:49	12:49	12:51						
FCS	12:49	12:49	12:51						
UVSP	12:58								
Ha...Class=SF Importance=C1 CaPeak.c/s=19 Wavelength=2788A Code=02 Exp #=67872 FePeak=12:49 FePeak.c/s=7 Rast=0"x0" Rast=180"x1" Mac.=FKC Carr.Lon.=108deg H.Ang=33deg dt= 7.7s XEN=815006 Cad=1.02s 1.024s/pixel Pitch=0" Step=0" Pitch=+323", Yaw=+47"									
Event # = 8969									
88/05/29, 15:14	Start	DOY=150	Peak	End times					
Optical	15:10	15:14	15:23						
GOES	15:15:07	15:15:40	15:15:52						
HXRBS	15:15:07	15:15:40	15:15:52						
UVSP	15:03								
SMM Pointing: Importance=C1 Peak...c/s=71 Wavelength=2788A Code=00 Tot Cts=577 Exp #=67875 MaxkeV=71 Rast=180"x1" Pitch=+451", Yaw=-154", Roll=-20deg H.Ang=30deg dt= 7.7s XEN=815006 Cad=1.02s 1.024s/pixel Pitch=0" Step=0" Pitch=+330", Yaw=+33"									
Event # = 8970									
88/05/29, 18:38	Start	DOY=150	Peak	End times					
Optical	18:34	18:38	18:41						
GOES	18:34:27	18:35:19	18:35:47						
HXRBS	18:34:27	18:35:19	18:35:47						
BCS	18:36	18:37	18:39						
FCS	18:11								
UVSP	18:11								
Radio	Frequency(MHz)/Flux(sfu):	606/1100	1415/22						
SMM Pointing: Ha...Class=SF Importance=C1 Peak...c/s=76 CaPeak.c/s=36 Wavelength=2788A Code=00 Tot Cts=980 FePeak=18:36 FePeak.c/s=9 Rast=0"x0" Rast=180"x1" Mac.=FKC Carr.Lon.=98deg H.Ang=29deg dt= 7.7s XEN=815007 Cad=1.02s 1.024s/pixel Pitch=0" Step=0" Pitch=+339", Yaw=+10"									
Event # = 8971									
88/05/29, 20:14	Start	DOY=150	Peak	End times					
Optical	20:08	20:14	20:19						
GOES	20:10:15	20:10:37	20:11:14						
HXRBS	20:10:15	20:10:37	20:11:14						
BCS	20:09	20:15	20:17						
FCS	20:09	20:15	20:17						
UVSP	19:46								
SMM Pointing: Ha...Class=SF Importance=C3 Peak...c/s=119 CaPeak.c/s=55 Wavelength=2788A Code=00 Tot Cts=940 FePeak=20:15 FePeak.c/s=10 Rast=240"x240" Rast=180"x1" Mac.=FKC Carr.Lon.=99deg H.Ang=30deg dt= 3.8s XEN=815008 Cad=131s 0.512s/pixel Pitch=0" Step=0" Pitch=+343", Yaw=-1"									
Event # = 8972									
88/05/30, 01:09	Start	DOY=151	Peak	End times					
Optical	01:06	01:09	01:19						
GOES	01:06:25	01:06:43	01:07:41						
HXRBS	01:06:25	01:06:43	01:07:41						
BCS	01:08	01:10	01:25						
FCS	01:08	01:10	01:25						
UVSP	01:08								
SMM Pointing: Importance=C3 Peak...c/s=113 CaPeak.c/s=53 Wavelength=1375A Code=00 Tot Cts=1419 FePeak=01:08 FePeak.c/s=10 Rast=200"x200" Rast=200"x200" MackeV=71 FePeak.c/s=10 Rast=0"x0" Rast=200"x200" Pitch=+476", Yaw=-220", Roll=-20deg H.Ang=34deg dt= 3.8s XEN=815100 Cad=4.10s 4.096s/pixel Pitch=+485", Yaw=-210"									
Event # = 21666									
88/05/30, 02:41	Start	DOY=151	Peak	End times					
Optical	02:35	02:41	02:54						
GOES	02:35	02:41	02:54						
HXRBS	02:35	02:41	02:54						
BCS	02:39	02:41	02:54						
FCS	02:39	02:41	02:54						
UVSP	02:30								
SMM Pointing: Importance=C2 CaPeak.c/s=41 Wavelength=1375A Code=00 FePeak=02:40 FePeak.c/s=8 Rast=0"x0" Rast=10"x10" MackeV=71 FePeak.c/s=10 Rast=0"x0" Rast=10"x10" dt= 7.7s XEN=815101 Cad=1.02s 1.024s/pixel Pitch=+463", Yaw=-170"									

Event # = 8973	DOY=151	SMM Pointing:	S24W26	Pitch=+480", Yaw=-230", Roll=-20deg	H.Ang=34deg
88/05/30, 02:56	Peak	End times			
Start					
G0ES 02:53	02:56	Importance=C1	Qual=01	MaxkeV=130	
HXRBS 02:54:00	02:54:14	Peak...c/s=197	Qual=01	FePeak.c/s=9	#Peaks=1 dt= 7.7s XEN=815102
BCS 02:57	02:57	CaPeak.c/s=21	Qual= 4	Rast=0"x0"	Cad=1.02s 1.024s/pixel
FCS				Rast=10"x10"	Pitch=+464", Yaw=-176"
UVSP 02:44		Wavelength=1375A	Code=00	Exp #=67912	
Event # = 21667	DOY=151	Importance=C1	Qual=02	FePeak.c/s=9	XEN=815103
88/05/30, 03:11	Peak	End times			
Start					
G0ES 03:00	03:11	Importance=C1	Qual= 4	Rast=0"x0"	Cad=1.02s 1.024s/pixel
HXRBS 03:05	03:06	CaPeak.c/s=23	Qual= 4	Rast=10"x10"	Pitch=+454", Yaw=-163"
BCS					
FCS					
UVSP 03:01		Wavelength=1375A	Code=00	Exp #=67914	
Event # = 21668	DOY=151	Ha...Class=SF	S25W28	Mac.=FKC	Carr.Lon.=103deg
88/05/30, 08:51	Peak	End times			
Start					
Optical		Importance=C3	Qual=04	FePeak.c/s=17	#Peaks=1 dt= 3.8s XEN=815104
G0ES 08:32	08:51	CaPeak.c/s=109	Qual= 1	Rast=0"x0"	Cad=4.10s 4.096s/pixel
HXRBS 08:45	08:50	Wavelength=1375A	Code=00	Rast=10"x10"	Pitch=+484", Yaw=-227"
BCS					
FCS					
UVSP 08:44				Exp #=67940	
Event # = 8974	DOY=151	SMM Pointing:	S24W33	Pitch=+513", Yaw=-314", Roll=-20deg	H.Ang=39deg
88/05/30, 15:06	Peak	End times			
Start					
Optical		Ha...Class=SF	S24W32	Mac.=FKC	Carr.Lon.=104deg
G0ES 15:00	15:06	Importance=C2	Qual=01	MaxkeV=71	#Peaks=1 dt= 3.8s XEN=815105
HXRBS 15:03:33	15:04:18	Peak...c/s=70	Qual=01	FePeak.c/s=10	Cad=131s 0.512s/pixel
BCS 15:03	15:09	CaPeak.c/s=56	Qual= 1	Rast=240"x240"	Pitch=+394", Yaw=-133"
FCS				Rast=180"x1"	
UVSP 15:36		Wavelength=2788A	Code=00	Exp #=67951	
Event # = 21669	DOY=151	Ha...Class=SF	S26W38	Mac.=FKC	Carr.Lon.=109deg
88/05/30, 17:12	Peak	End times			
Start					
Optical		Importance=C1	Qual=03	FePeak.c/s=9	#Peaks=1 dt= 7.7s XEN=815106
G0ES 17:04	17:12	CaPeak.c/s=34	Qual= 1	Rast=0"x0"	Cad=1.02s 1.024s/pixel
HXRBS 17:10	17:13	Wavelength=2788A	Code=00	Rast=180"x1"	Pitch=+398", Yaw=-143"
BCS					
FCS					
UVSP 17:11				Exp #=67953	
Event # = 21670	DOY=151	Ha...Class=SF	S24W34	Mac.=FKC	Carr.Lon.=104deg
88/05/30, 18:03	Peak	End times			
Start					
Optical		Importance=C3	Qual=01	FePeak.c/s=16	#Peaks=1 dt= 7.7s XEN=815107
G0ES 17:49	18:03	CaPeak.c/s=117	Qual= 1	Rast=0"x0"	Cad=4.10s 4.096s/pixel
HXRBS 17:52	18:03	Wavelength=2788A	Code=01	Rast=180"x1"	Pitch=+399", Yaw=-147"
BCS					
FCS					
UVSP 17:43				Exp #=67954	



Event # = 21675									
88/05/31	17:47	Start	DOY=152	Peak	End times				
Optical									
GOES	17:31	17:47				Ha...Class=SF	S24W46	AR5027	Mac.=FKC
BCS	17:41	17:46				Importance=C2	Qual=01	FePeak=17:52	FePeak.c/s=11
FCS						CaPeak.c/s=25	Qual=1		Rast=0"x0"
UVSP	18:16					Wavelength=2788A		Exp #=68038	Rast=180"x1"
									dt= 7.7s XEN=815203
									Cad=1.02s 1.024s/pixel
									Pitch=+453", Yaw=-287"
Event # = 21676									
88/05/31	20:48	Start	DOY=152	Peak	End times				
GOES	20:44	20:48				Importance=C2	Qual=01	FePeak=20:48	dt= 3.8s XEN=815204
BCS	20:45	20:48				CaPeak.c/s=71	Qual=1		Cad=36.9s 1.024s/pixel
FCS						Wavelength=2788A		Exp #=68041	Pitch=+457", Yaw=-297"
UVSP	20:22								
Event # = 8977									
88/06/01	00:03	Start	DOY=153	Peak	End times	SMM Pointing:	S24W50	DOY=153	Pitch=+583", Yaw=-496", Roll=-20deg
GOES									H.Ang=54deg
HXRBS	00:01:18	00:03:05				Peak...c/s=61	Qual=01	Tot Cts=581	MaxkeV=100
UVSP	23:56					Wavelength=1375A		Exp #=68054	Rast=10"x10"
									Step=0" Pitch=+617", Yaw=-572"
Event # = 8978									
88/06/01	01:26	Start	DOY=153	Peak	End times	SMM Pointing:	S24W51		Pitch=+586", Yaw=-506", Roll=-20deg
Optical									H.Ang=55deg
GOES	01:22	01:26				Ha...Class=SF	N28E56	AR5032	Mac.=ESO
HXRBS	01:22:23	01:22:40				Importance=C1	Qual=01	Tot Cts=399	Carr.Lon.=357deg
UVSP	01:15					Peak...c/s=61	Qual=01	Exp #=68060	H.Ang=61deg
						Wavelength=1375A	Code=00		MaxkeV=71
									Rast=10"x10"
									Step=0" Pitch=+579", Yaw=-448"
Event # = 8979									
88/06/01	20:10	Start	DOY=153	Peak	End times	SMM Pointing:	S24W62		Pitch=+380", Yaw=-762", Roll=0deg
Optical									H.Ang=64deg
GOES	20:07	20:10				Ha...Class=SF	S26W56	AR5027	Mac.=FAI
HXRBS	20:06:46	20:07:54				Importance=C1	Qual=01	Tot Cts=547	Carr.Lon.=98deg
BCS	20:08	20:08				Peak...c/s=67	Qual=01	FePeak=20:08	H.Ang=60deg
FCS						CaPeak.c/s=26	Qual=1		dt= 7.7s XEN=815300
UVSP	19:53					Wavelength=2788A	Code=01	Exp #=68118	Cad=1.02s 1.024s/pixel
Radio						Frequency(MHz)/Flux(sfu):	410/46		Pitch=+260", Yaw=-575"
Event # = 8980									
88/06/02	09:05	Start	DOY=154	Peak	End times	SMM Pointing:	S24W68	DOY=154	Pitch=+381", Yaw=-804", Roll=0deg
Optical									H.Ang=70deg
GOES	08:55	09:05				Ha...Class=SF	S27W65	AR5027	Mac.=FAI
HXRBS	08:56:03	08:58:59				Importance=C7	Qual=01	Tot Cts=17367	Carr.Lon.=100deg
BCS	08:58	09:05				Peak...c/s=168	Qual=01	FePeak=09:05	H.Ang=68deg
FCS						CaPeak.c/s=438	Qual=1		dt= 3.8s XEN=815400
UVSP	09:01					Wavelength=1375A	Code=00	Exp #=68172	Cad=41.5s 0.512s/pixel
									Pitch=+383", Yaw=-777"

Event # = 21677									
88/06/02	13:49	DOY=154	End times						
	Start	Peak							
G0ES	13:39	13:49	Importance=C2	Qual=03					
B0CS	13:41	13:48	CaPeak.c/s=56	Qual=1	FePeak=13:46	FePeak.c/s=14	#Peaks=1	dt= 3.8s	XEN=815401
F0CS						Rast=0"x0"	Step=0"	Cad=4.10s	4.096s/pixel
UVSP	14:09		Wavelength=2788A		Exp #=68181	Rast=180"x1"	Step=0"	Pitch=+261"	Yaw=-634"
Event # = 21678									
88/06/02	18:21	DOY=154	End times						
	Start	Peak							
Optical			Ha...Class=SF	S23W70	AR5027	Mac.=FAI	Carr.Lon.=100deg	H.Ang=71deg	
G0ES	17:47	18:21	Importance=C3	Qual=01					
B0CS	18:03	18:13	CaPeak.c/s=110	Qual=1	FePeak=18:09	FePeak.c/s=17	#Peaks=1	dt= 3.8s	XEN=815403
F0CS						Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
UVSP	18:50		Wavelength=2788A		Exp #=68187	Rast=180"x1"	Step=0"	Pitch=+262"	Yaw=-645"
Event # = 21679									
88/06/02	22:45	DOY=154	End times						
	Start	Peak							
G0ES	22:30	22:45	Importance=C2	Qual=04					
B0CS	22:39	22:46	CaPeak.c/s=65	Qual=1	FePeak=22:41	FePeak.c/s=14	#Peaks=1	dt= 3.8s	XEN=815402
F0CS						Rast=0"x0"	Step=0"	Cad=4.10s	4.096s/pixel
UVSP	22:33		Wavelength=2788A	Code=01	Exp #=68192	Rast=180"x1"	Step=0"	Pitch=+262"	Yaw=-653"
88/06/03 DOY=155									
Event # = 21680									
88/06/03	01:05	DOY=155	End times						
	Start	Peak							
Optical			Ha...Class=SF	S26W73	AR5027	Mac.=DK0	Carr.Lon.=99deg	H.Ang=75deg	
G0ES	00:59	01:05	Importance=C2	Qual=01					
B0CS	01:01	01:04	CaPeak.c/s=97	Qual=1	FePeak=01:04	FePeak.c/s=22	#Peaks=1	dt= 3.8s	XEN=815500
F0CS						Rast=25"x25"	Step=5"	Cad=25.6s	1.024s/pixel
UVSP	01:07		Wavelength=2788A	Code=02	Exp #=68195	Rast=180"x1"	Step=0"	Pitch=+262"	Yaw=-658"
Event # = 8982									
88/06/03	05:35	DOY=155	End times						
	Start	Peak							
Optical			SMM Pointing:	S24W78					
G0ES	05:29	05:35	Ha...Class=SF	S23W05	AR5027	Mac.=DK0	Carr.Lon.=29deg	H.Ang=23deg	
HXRBS	05:29:57	05:30:32	Importance=C1	Qual=01					
B0CS	05:32	05:34	Peak...c/s=63	Qual=01	Tot Cts=376	MaxkeV=71	#Peaks=1	dt= 7.7s	XEN=815501
F0CS			CaPeak.c/s=22	Qual=4	FePeak=05:35	FePeak.c/s=7	Step=0"	Cad=1.02s	1.024s/pixel
UVSP	05:32		Wavelength=1375A	Code=00	Exp #=68203	Rast=265"x265"	Step=5"	Pitch=+390"	Yaw=-837"
Event # = 8981									
88/06/03	08:46	DOY=155	End times						
	Start	Peak							
Optical			SMM Pointing:	S24W78					
G0ES	08:30	08:46	Ha...Class=SF	S27W78	AR5027	Mac.=DK0	Carr.Lon.=100deg	H.Ang=79deg	
HXRBS	08:34:03	08:35:50	Importance=C3	Qual=03					
B0CS	08:35	08:42	Peak...c/s=76	Qual=01	Tot Cts=1555	MaxkeV=71	#Peaks=1	dt= 3.8s	XEN=815502
F0CS			CaPeak.c/s=178	Qual=1	FePeak=08:41	FePeak.c/s=37	Step=0"	Cad=1.02s	1.024s/pixel
UVSP	08:46		Wavelength=1375A	Code=02	Exp #=68219	Rast=10"x10"	Step=0"	Pitch=+400"	Yaw=-837"

Event # = 9026	DOY=155	SMM Pointing:	S24W81	Pitch=+383", Yaw=-856", Roll=0deg	H.Ang=82deg
88/06/03, 12:51	Peak	End times	AR5031	Mac. = EHO	H.Ang=27deg
Optical					
G0ES 12:45	12:51	13:00	N21E17		
G0ES 12:45	12:51	13:00	Qual=04		
HXRBS 12:45	12:45:55	12:46:21	Qual=01		
UVSP 12:49	12:45:55	12:46:21	Code=00		
Radio					
Frequency (MHz)/Flux (sfu):					
2695/120 4995/44 8800/41					
Event # = 21681	DOY=155	End times			
88/06/03, 18:08	Peak	18:12			
G0ES 18:01	18:08	18:11	Qual=01		
BCS 18:04	18:08		Qual=1		
FCS					
UVSP 17:31					
FePeak=18.04					
Exp #=68260					
dt= 7.7s					
XEN=815503					
Cad=1083s					
Pitch=+392", Yaw=-851"					
Event # = 21682	DOY=155	End times			
88/06/03, 18:14	Peak	18:20			
G0ES 18:12	18:14	18:16	Qual=01		
BCS 18:14	18:14		Qual=1		
FCS					
UVSP 17:31					
FePeak=18.14					
Exp #=68260					
dt= 7.7s					
XEN=815504					
Cad=1083s					
Pitch=+392", Yaw=-851"					
Event # = 21683	DOY=155	End times			
88/06/03, 19:27	Peak	19:33			
Optical					
G0ES 19:20	19:27	19:40	Qual=01		
BCS 19:21	19:27		Qual=1		
FCS					
UVSP 19:56					
FePeak=19.26					
Exp #=68262					
dt= 3.8s					
XEN=815505					
Cad=1.02s					
Pitch=+264", Yaw=-679"					
Event # = 21684	DOY=155	End times			
88/06/03, 22:59	Peak	23:02			
G0ES 22:54	22:59	23:09	Qual=03		
BCS 22:59	22:59		Qual=4		
FCS					
UVSP 23:04					
FePeak=22.59					
Exp #=68266					
dt= 7.7s					
XEN=815506					
Cad=1.02s					
Pitch=+264", Yaw=-679"					
Event # = 9030	DOY=156	End times			
88/06/04, 00:30	Peak	00:37			
G0ES 00:25	00:30	00:42	Qual=01		
HXRBS 00:27	00:27:46	00:28:21	Qual=01		
UVSP 00:37	00:27:46	00:28:21	Code=02		
Associated					
Event # = 9031	DOY=156	End times			
88/06/04, 00:30	Peak	00:31:11	Qual=01		
G0ES 00:30	00:30:31	00:31:11	Qual=01		
HXRBS 00:30	00:30:31	00:31:11	Code=02		
UVSP 00:37	00:30:31	00:31:11	Code=02		
Associated					
Event # = 9032	DOY=156	End times			
88/06/04, 00:30	Peak	00:31:11	Qual=01		
G0ES 00:30	00:30:31	00:31:11	Qual=01		
HXRBS 00:30	00:30:31	00:31:11	Code=02		
UVSP 00:37	00:30:31	00:31:11	Code=02		
Associated					
Event # = 9033	DOY=156	End times			
88/06/04, 00:30	Peak	00:31:11	Qual=01		
G0ES 00:30	00:30:31	00:31:11	Qual=01		
HXRBS 00:30	00:30:31	00:31:11	Code=02		
UVSP 00:37	00:30:31	00:31:11	Code=02		
Associated					
Event # = 9034	DOY=156	End times			
88/06/04, 00:30	Peak	00:31:11	Qual=01		
G0ES 00:30					

Event # = 21685									
88/06/04,01:58	DOY=156								
Start	Peak	End times							
GOES 01:46	01:58	02:46							
BCS 01:47	01:59	02:15	Importance=C2	Qual=03					
FCS			CaPeak.c/s=45	Qual=1	FePeak=01:59				
UVSP 02:11			Wave length=2788A		Exp #=68270	FePeak.c/s=9	#Peaks=1	dt= 3.8s	XEN=815600
						Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
						Rast=180"x1"	Step=0"	Pitch=+264"	Yaw=-679"
Event # = 9032									
88/06/04,02:55	DOY=156								
Start	Peak	End times							
GOES 02:52	02:55	03:08	Importance=C2	Qual=01					
HXRBS 02:54:40	02:54:50	02:54:58	Peak...c/s=68	Qual=01	Tot Cts=128	MaxkeV=71	Flags=I		
UVSP 02:45			Wave length=2788A	Code=00	Exp #=68271	Rast=180"x1"	Step=0"	Pitch=+264"	Yaw=-679"
Event # = 8983									
88/06/04,05:05	DOY=156								
Start	Peak	End times							
GOES 05:02	05:05	05:09	Importance=C2	Qual=01					
HXRBS 05:03:27	05:03:40	05:04:06	Peak...c/s=86	Qual=01	Tot Cts=703	MaxkeV=71	#Peaks=1	dt= 7.7s	XEN=815601
BCS 05:05	05:05	05:07	CaPeak.c/s=24	Qual=1	FePeak=05:05	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
FCS						Rast=10"x10"	Step=0"	Pitch=+347"	Yaw=-876"
UVSP 05:00			Wave length=1375A	Code=00	Exp #=68278				
Radio Sweeps			Type/Intensity: III/V						
Event # = 8985									
88/06/04,07:45	DOY=156								
Start	Peak	End times							
GOES 06:14	07:45	09:10	Importance=M4	Qual=03					
HXRBS 06:41:25	06:44:52	06:56:55	Peak...c/s=243	Qual=03	Tot Cts=43397	MaxkeV=100	Flags=EN,ND		
BCS 07:46	07:46	08:31	CaPeak.c/s=1832	Qual=5	FePeak=07:46	FePeak.c/s=348	#Peaks=1	dt= 3.8s	XEN=815603
FCS						Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
UVSP 07:46			Wave length=1375A	Code=02	Exp #=68290	Rast=130"x130"	Step=5"	Pitch=+399"	Yaw=-858"
Radio Sweeps			Type/Intensity: V/2						
Event # = 8984									
88/06/04,06:15:43	DOY=156								
Start	Peak	End times							
GOES 06:14	06:15	06:18	Importance=M4	Qual=01	Event # = 8984	MaxkeV=71			
HXRBS 06:14:42	06:15:43	06:18:36	Peak...c/s=95	Qual=01	Tot Cts=2389	Rast=130"x130"	Step=5"	Pitch=+389"	Yaw=-858"
UVSP 06:08			Wave length=1375A		Exp #=68282				
Event # = 21686									
88/06/04,06:53	DOY=156								
Start	Peak	End times							
GOES 06:53	06:52	06:58	Importance=M4	Qual=01	Event # = 21686	MaxkeV=71			
HXRBS 06:53:27	06:54:52	06:56:55	Peak...c/s=243	Qual=03	Tot Cts=43397	FePeak.c/s=348	#Peaks=2	dt= 7.7s	XEN=815602
BCS 06:55	06:55	06:57	CaPeak.c/s=1832	Qual=5	FePeak=06:51	Rast=0"x0"	Step=0"	Cad=35.8s	35.84s/pixel
FCS						Rast=265"x265"	Step=5"	Pitch=+392"	Yaw=-851"
UVSP 06:52			Wave length=1375A		Exp #=68287				
Event # = 21687									
88/06/04,08:31	DOY=156								
Start	Peak	End times							
GOES 08:31	08:31	08:32	Importance=M4	Qual=01	Event # = 21687	MaxkeV=71	#Peaks=1	dt= 7.7s	XEN=815604
HXRBS 08:31:25	08:32:52	08:34:55	Peak...c/s=243	Qual=03	Tot Cts=2389	Rast=0"x0"	Step=0"	Cad=4.10s	4.096s/pixel
UVSP 08:31			Wave length=1375A		Exp #=68295	Rast=265"x265"	Step=5"	Pitch=+392"	Yaw=-851"
Event # = 8986									
88/06/04,12:30	DOY=156								
Start	Peak	End times							
GOES 12:29:53	12:30:22	12:30:42	Importance=M4	Qual=01	Event # = 8986	MaxkeV=71			
HXRBS 12:29:53	12:30:22	12:30:42	Peak...c/s=71	Qual=01	Tot Cts=564	Rast=10"x10"	Step=0"	Pitch=+392"	Yaw=-856"
UVSP 12:21			Wave length=1375A		Exp #=68313				





88/06/05		DOY=157	
Event # = 8993	DOY=157		
88/06/05,02:56	Peak		
Start	End times		
GOES 02:47	03:40		
HXRB 02:51:31	02:51:37	02:52:07	
UVSP 03:16			
Radio Sweeps	Type/Intensity:		
Radio Frequency (MHz)/Flux(sfu):	245/95		
Importance=C3	Qual=03		
Peak...c/s=74	Qual=01		
Wavelength=2788A			
III/3			
MaxkeV=71			
Rast=180"x1"			
Step=0"			
Pitch=+264"			
Yaw=-679"			
Tot Cts=412			
Exp #=68360			
SMM Pointing: N19W08			
Pitch=-311"			
Yaw=-130"			
Roll=0deg			
H.Ang=21deg			
Event # = 8994	DOY=157		
88/06/05,14:09	Peak		
Start	End times		
GOES 14:05	14:13		
HXRB 14:04:54	14:05:33	14:06:04	
UVSP 14:15			
Importance=B7	Qual=01		
Peak...c/s=137	Qual=01		
Wavelength=2788A	Code=02		
MaxkeV=100			
Rast=180"x1"			
Step=0"			
Pitch=-177"			
Yaw=-208"			
Tot Cts=1291			
Exp #=68370			
SMM Pointing: N19W10			
Pitch=-309"			
Yaw=-158"			
Roll=0deg			
H.Ang=21deg			
Event # = 8995	DOY=157		
88/06/05,17:01	Peak		
Start	End times		
GOES 16:57	17:01		
HXRB 16:58:30	16:58:51	16:59:08	
UVSP 17:23			
Importance=B8	Qual=01		
Peak...c/s=75	Qual=01		
Wavelength=2788A			
MaxkeV=100			
Rast=180"x1"			
Step=0"			
Pitch=-175"			
Yaw=-235"			
Tot Cts=395			
Exp #=68374			
SMM Pointing: N15W05			
Mac.=CS0			
Carr.Lon.=356deg			
H.Ang=16deg			
#Peaks=1			
dt= 7.7s			
XEN=815700			
Cad=1.02s			
1.024s/pixel			
Step=0"			
Pitch=-175"			
Yaw=-240"			
FePeak.c/s=7			
Rast=0"x0"			
Rast=180"x1"			
Exp #=68375			
SMM Pointing: S24W21			
Mac.=CS0			
Carr.Lon.=11deg			
H.Ang=31deg			
#Peaks=1			
dt= 7.7s			
XEN=815701			
Cad=1.02s			
1.024s/pixel			
Step=0"			
Pitch=-175"			
Yaw=-253"			
FePeak.c/s=7			
Rast=0"x0"			
Rast=180"x1"			
Exp #=68377			
SMM Pointing: N19W12			
Pitch=-309"			
Yaw=-184"			
Roll=0deg			
H.Ang=22deg			
Event # = 8996	DOY=157		
88/06/05,20:10	Peak		
Start	End times		
GOES 20:00	20:10		
HXRB 20:05:10	20:05:40	20:18:13	
BCS 20:01	20:10	20:29	
FCS			
UVSP 19:31			
Importance=C9	Qual=01		
Peak...c/s=174	Qual=01		
CaPeak.c/s=427	Qual= 1		
Wavelength=2788A			
MaxkeV=71			
FePeak.c/s=75			
Rast=0"x0"			
Rast=180"x1"			
Step=0"			
Pitch=-175"			
Yaw=-253"			
Tot Cts=8076			
FePeak=20:09			
Exp #=68377			
SMM Pointing: N18W11			
Mac.=EAI			
Carr.Lon.=1deg			
H.Ang=21deg			
#Peaks=1			
dt= 3.8s			
XEN=815702			
Cad=35.8s			
35.84s/pixel			
Step=0"			
Pitch=-175"			
Yaw=-253"			
FePeak.c/s=75			
Rast=0"x0"			
Rast=180"x1"			
Exp #=68377			

88/06/06 DOY=158											
Event # = 8997		88/06/06, 01:11		DOY=158	SMM Pointing:		N19W15		Pitch=-305" ,Yaw=-225" ,Roll=0deg	H.Ang=24deg	
	Start	End times		Peak							
GOES	01:11:20	01:11:32	01:11:55		Peak...c/s=65		Qual=00				
HXRBS	01:11:20	01:11:32	01:11:55		Wavelength=2788A		Tot Cts=263		MaxkeV=71		
UVSP	01:13						Exp #=68382		Rast=180"x1" Step=0" Pitch=-175" ,Yaw=-301"		
Event # = 8998											
88/06/06, 02:15		DOY=158		SMM Pointing:		N19W15		Pitch=-309" ,Yaw=-235" ,Roll=0deg		H.Ang=24deg	
	Start	End times		Peak							
GOES	02:13	02:15	02:20		Importance=B8		Qual=01				
HXRBS	02:14:19	02:14:30	02:14:41		Peak...c/s=80		Tot Cts=118		MaxkeV=71		
UVSP	01:46				Wavelength=2788A		Exp #=68383		Rast=180"x1" Step=0" Pitch=-175" ,Yaw=-305"		
Event # = 21690											
88/06/06, 05:02		DOY=158		End times				Carr. Lon.=3deg		H.Ang=25deg	
	Start			Peak							
Optical	04:52	05:02	05:19		Ha...Class=1F		N17W18		#Peaks=1 dt= 7.7s XEN=815800		
GOES	05:06	05:06	05:17		Importance=C2		Qual=05		Step=0" Cad=1.02s 1.024s/pixel		
BCS					CaPeak.c/s=45		Qual= 5		Step=0" Pitch=-175" ,Yaw=-72"		
FCS											
UVSP	04:20				Wavelength=2788A		Exp #=68386				
88/06/07 DOY=159											
Event # = 8999		88/06/07, 05:12		DOY=159	SMM Pointing:		N19W27		Pitch=-307" ,Yaw=-404" ,Roll=0deg		H.Ang=32deg
	Start	End times		Peak							
GOES	05:09	05:12	05:16		Importance=B7		Qual=01				
HXRBS*	05:11:04	05:11:23	05:11:32		Peak...c/s=130		Qual=01				
UVSP	05:25				Wavelength=2788A		Tot Cts=406		MaxkeV=43		
							Exp #=68417		Rast=180"x1" Step=0" Pitch=-172" ,Yaw=-225"		
Event # = 9000											
88/06/07, 06:18		DOY=159		SMM Pointing:		N19W28		Pitch=-307" ,Yaw=-416" ,Roll=0deg		H.Ang=33deg	
	Start	End times		Peak							
Optical	06:08	06:18	06:53		Ha...Class=SF		N27W22		Mac.=FHO		
Optical	06:12:11	06:12:34	06:15:35		Ha...Class=SF		S21E51		Carr. Lon.=353deg		H.Ang=34deg
GOES	06:08	06:18	06:53		Importance=C3		Qual=01		H. Ang=54deg		
HXRBS*	06:12:11	06:12:34	06:15:35		Peak...c/s=154		Qual=01		#Peaks=1 dt= 7.7s XEN=815900		
BCS	06:13	06:13	06:21		CaPeak.c/s=30		Qual= 5		Step=0" Cad=1.02s 1.024s/pixel		
FCS							Tot Cts=4528		Step=0" Pitch=-172" ,Yaw=-238"		
UVSP	07:00				Wavelength=2788A		FePeak=06:13		Rast=180"x1" Step=0"		
Radio	Frequency (MHz)/Flux(sfu):	2695/27		Exp #=68418		Associated Event # = 9001		MaxkeV=61			
HXRBS*	06:16:13	06:16:40	06:17:12	Peak...c/s=128		Qual=01		Tot Cts=840			

Event # = 9002									
88/06/07, 14:30	DOY=159	Start	End times	SMM Pointing:	N19W32		Pitch=-307", Yaw=-474", Roll=0deg	H. Ang=37deg	
Optical				Ha...Class=SF	N28W26	AR5031	Mac.=FHO	Carr. Lon.=352deg	H. Ang=37deg
Optical				Ha...Class=SF	S17E53	AR5036		Carr. Lon.=273deg	H. Ang=55deg
Optical				Ha...Class=SF	N15W30	AR5037		Carr. Lon.=356deg	H. Ang=33deg
Optical				Ha...Class=SF	S25W44	AR5038		Carr. Lon.=10deg	H. Ang=49deg
GOES	14:16	14:30	14:53	Importance=C2	Qual=01		MaxkeV=71		
HXRBS	14:25:27	14:26:21	14:26:59	Peak...c/s=59	Qual=01	Tot Cts=558	FePeak.c/s=11	#Peaks=1	dt= 7.7s
BCS	14:20	14:27	14:46	CaPeak.c/s=29	Qual= 1	FePeak=14:20	Rast=0"x0"	Step=0"	Cad=1.02s
UVSP	14:50			Wavelength=2788A		Exp #=68432	Rast=180"x1"	Step=0"	Pitch=-172", Yaw=-295"
88/06/08 DOY=160									
Event # = 9003									
88/06/08, 11:09	DOY=160	Start	End times	SMM Pointing:	N00W00		Pitch=+6", Yaw=+0", Roll=-20deg	H. Ang=0deg	
GOES	11:03	11:09	11:16	Importance=C1	Qual=01				
HXRBS	11:03:54	11:04:48	11:05:19	Peak...c/s=110	Qual=01	Tot Cts=1648	MaxkeV=71	#Peaks=1	dt= 7.7s
UVSP	10:59			Wavelength=2788A	Code=00	Exp #=68486	Rast=243"x243"	Step=3"	Pitch=+952", Yaw=+13"
88/06/08 DOY=160									
Event # = 9004									
88/06/08, 16:35	DOY=160	Start	End times	SMM Pointing:	N25W37		Pitch=-196", Yaw=-620", Roll=-20deg	H. Ang=43deg	
Optical				Ha...Class=SF	N20W54	AR5032	Mac.=CAO	Carr. Lon.=6deg	H. Ang=56deg
GOES	16:35	16:35	16:49	Importance=C2	Qual=01		MaxkeV=100	#Peaks=1	dt= 7.7s
HXRBS	16:34:51	16:35:35	16:36:01	Peak...c/s=170	Qual= 5	Tot Cts=1657	FePeak.c/s=10	Step=10"	Cad= 590s
BCS	16:36	16:36	16:42	CaPeak.c/s=37	Code=02	FePeak=16:36	Rast=240"x240"	Step=5"	Pitch=-186", Yaw=-615"
FCS				Wavelength=1375A		Exp #=68511	Rast=265"x265"		
UVSP	16:37			410/92					
Frequency (MHz)/Flux(sfu):									
Event # = 21691									
88/06/08, 22:48	DOY=160	Start	End times	SMM Pointing:	N16E32		Mac.=EAI	Carr. Lon.=276deg	H. Ang=35deg
Optical				Ha...Class=SN	Qual=05	AR5036		#Peaks=1	dt= 3.8s
GOES	22:42	22:48	23:20	Importance=C4	Qual= 5	FePeak=22:51	FePeak.c/s=11	Step=0"	Cad=4.10s
BCS	22:51	22:53	22:59	CaPeak.c/s=47	Code=00	Exp #=68528	Rast=0"x0"	Step=0"	Pitch=-19", Yaw=+471"
FCS				Wavelength=2788A			Rast=180"x1"		
UVSP	22:45								
88/06/09 DOY=161									
Event # = 9005									
88/06/09, 06:00	DOY=161	Start	End times	SMM Pointing:	S17E28		Pitch=+119", Yaw=+495", Roll=-20deg	H. Ang=33deg	
HXRBS*	06:00:04	06:00:18	06:01:09	Peak...c/s=125	Qual=01	Tot Cts=639	MaxkeV=265	Flags=NS,GB	
UVSP	06:00			Wavelength=2788A		Exp #=68538	Rast=180"x1"	Step=0"	Pitch=+0", Yaw=+419"
88/06/09 DOY=161									
Event # = 9006									
88/06/09, 10:17	DOY=161	Start	End times	SMM Pointing:	S17E25		Pitch=+131", Yaw=+461", Roll=-20deg	H. Ang=30deg	
HXRBS*	10:17:22	10:17:30	10:17:46	Peak...c/s=88	Qual=01	Tot Cts=146	MaxkeV=43	Flags=NS	
UVSP	10:41			Wavelength=2788A		Exp #=68542	Rast=180"x1"	Step=0"	Pitch=+13", Yaw=+385"

Event # = 9219									
88/06/09,17:06	DOY=161		SMM Pointing:	S17E22				Pitch=+146", Yaw=+415", Roll=-20deg	H. Ang=28deg
Optical	Start	End times							
GOES	16:49	17:06	Ha...Class=IF	N18W62	AR5032			Mac.=CA0	Carr. Lon.=0deg
HXRBS	16:51:34	16:53:06	Importance=C9	Qual=02					
UVSP	16:58	16:53:06	Peak...c/s=109	Qual=01	Tot Cts=1710			MaxkeV=71	Flags=I
Radio	Frequency(MHz)/Flux(sfu):		Wavelength=2788A	Code=00	Exp #=68550			Rast=180"x1"	Pitch=+32", Yaw=+336"
410/110 606/67									
88/06/10 DOY=162									
Event # = 21692									
88/06/10,00:04	DOY=162								
Optical	Start	End times							
GOES	23:55	00:04	Ha...Class=SF	S16E16	AR5036			Mac.=EAI	Carr. Lon.=278deg
BCS	00:01	00:02	Importance=B9	Qual=01					
FCS	00:01	00:09	CaPeak.c/s=24	Qual= 4	FePeak=00:01			FePeak.c/s=9	#Peaks=1
UVSP	00:02		Wavelength=1375A	Code=00	Exp #=68566			Rast=10"x10"	dt= 7.7s
Radio Sweeps	Type/Intensity:		III/1						XEN=816200
									Cad=1.02s
									Step=0"
									Pitch=+162", Yaw=+352"
88/06/10 DOY=162									
Event # = 9007									
88/06/10,09:58	DOY=162		SMM Pointing:	S17E12				Pitch=+200", Yaw=+278", Roll=-20deg	H. Ang=21deg
Optical	Start	End times							
GOES	09:57:36	09:58:00	Peak...c/s=66	Qual=00	Tot Cts=376			MaxkeV=71	
HXRBS	09:57:36	09:58:23	Wavelength=2788A	Qual=01	Exp #=68582			Rast=180"x1"	Pitch=+81", Yaw=+201"
UVSP	10:12								
88/06/11 DOY=163									
Event # = 21693									
88/06/11,01:21	DOY=163								
Optical	Start	End times							
GOES	01:18	01:21	Ha...Class=SF	S16E04	AR5036			Mac.=EAI	Carr. Lon.=276deg
BCS	01:18	01:20	Importance=C1	Qual=01					
FCS	01:18	01:24	CaPeak.c/s=34	Qual= 4	FePeak=01:19			FePeak.c/s=9	#Peaks=1
UVSP	00:54		Wavelength=2788A		Exp #=68626			Rast=180"x1"	dt= 7.7s
									XEN=816300
									Cad=1.02s
									Step=0"
									Pitch=+124", Yaw=+185"
88/06/11 DOY=163									
Event # = 9008									
88/06/11,07:56	DOY=163		SMM Pointing:	S17E01				Pitch=+264", Yaw=+105", Roll=-20deg	H. Ang=17deg
Optical	Start	End times							
GOES	07:52	07:56	Ha...Class=SF	N13E40	AR5041			Mac.=CS0	Carr. Lon.=237deg
HXRBS*	07:53:17	07:53:23	Importance=B9	Qual=01					
UVSP	08:09	07:53:23	Peak...c/s=100	Qual=01	Tot Cts=451			MaxkeV=43	H. Ang=42deg
		07:54:36	Wavelength=2788A		Exp #=68635			Rast=180"x1"	Step=0"
									Pitch=+146", Yaw=+283"
88/06/12 DOY=164									
Event # = 9009									
88/06/12,10:28	DOY=164		SMM Pointing:	S17W14				Pitch=+344", Yaw=-109", Roll=-20deg	H. Ang=22deg
Optical	Start	End times							
GOES	10:22	10:28	Ha...Class=SF	S25W62	AR5034			Mac.=CS0	Carr. Lon.=324deg
HXRBS*	10:22:43	10:23:46	Importance=C1	Qual=01					
UVSP	10:47	10:23:46	Peak...c/s=96	Qual=01	Tot Cts=872			MaxkeV=61	H. Ang=65deg
		10:24:09	Wavelength=2788A		Exp #=68686			Rast=180"x1"	Flags=I
									Step=0"
									Pitch=+226", Yaw=+69"

Event # = 9010									
88/06/15, 22:45	Start	DOY=167	Peak	SMM Pointing:	S19E57	88/06/15	DOY=167	Pitch=+14", Yaw=+881", Roll=-20deg	H.Ang=69deg
Optical	22:22	22:45	22:58	Ha...Class=S8	S17E61			Mac.=HSX	H.Ang=63deg
GOES	22:32:30	22:33:01	22:44:31	Importance=C9	Qual=04				
HXRBS	22:32	22:42	23:24	Peak...c/s=81	Qual=01				
BCS	22:32	22:42	23:24	CaPeak.c/s=511	Qual=1				
FCS	22:37			Wavelength=2788A	Code=00				
UVSP	22:37			III/3 V/3	Exp #=68881				
Radio Sweeps				Type/Intensity:					
Radio Frequency(MHz)/Flux(sfu):				4995/87 8800/89 15400/59					
Event # = 9011									
88/06/16, 12:41	Start	DOY=168	Peak	SMM Pointing:	N01W00	88/06/16	DOY=168	Pitch=+0", Yaw=+3", Roll=-20deg	H.Ang=0deg
Optical	12:36	12:41	12:45	Ha...Class=SF	N12W32			Mac.=DAO	H.Ang=34deg
GOES	12:36	12:41	12:45	Importance=C1	Qual=02				
HXRBS*	12:38:51	12:39:26	12:40:16	Peak...c/s=156	Qual=01				
UVSP	12:34			Wavelength=2788A	Code=00				
					Tot Cts=2236			Step=0"	Pitch=-1", Yaw=+5"
					Exp #=68898				
Event # = 9012									
88/06/16, 13:35	Start	DOY=168	Peak	SMM Pointing:	N01W00			Pitch=+0", Yaw=+3", Roll=-20deg	H.Ang=0deg
Optical	13:24	13:35	13:50	Ha...Class=1N	N39E58			Mac.=HSX	H.Ang=65deg
GOES	13:24	13:35	13:50	Importance=C2	Qual=03				
HXRBS*	13:25:14	13:28:47	13:36:20	Peak...c/s=113	Qual=01				
UVSP	13:31			Wavelength=2788A	Code=00				
					Tot Cts=7325			Step=0"	Pitch=-1", Yaw=+5"
					Exp #=68899				
Event # = 9013									
88/06/17, 04:04	Start	DOY=169	Peak	SMM Pointing:	S15E51	88/06/17	DOY=169	Pitch=+8", Yaw=+752", Roll=-20deg	H.Ang=53deg
Optical	03:40	04:04	04:30	Ha...Class=1N	S18E43			Mac.=DHO	H.Ang=47deg
GOES	03:40	04:04	04:30	Importance=C6	Qual=01				
HXRBS*	03:41:10	03:42:16	03:42:40	Peak...c/s=609	Qual=01				
BCS	04:20	04:21	05:06	CaPeak.c/s=166	Qual=4				
FCS	04:13			Wavelength=2788A	Code=02				
UVSP	04:13			IV/3	Exp #=68941				
Radio Sweeps				Type/Intensity:					
Radio Frequency(MHz)/Flux(sfu):				245/140 606/160 1415/110 2695/91 8800/50 15400/20					
Event # = 21695									
88/06/17, 23:03	Start	DOY=169	Peak	Importance=C3	Qual=05			FePeak.c/s=8	#Peaks=1
GOES	22:56	23:03	23:22	CaPeak.c/s=40	Qual=5			Rast=0"x0"	dt= 7.7s
BCS	23:08	23:08	23:12	Wavelength=1375A	Code=02			Rast=265"x265"	Cad=1.02s
FCS	23:10				Exp #=68985			Pitch=+61", Yaw=+650"	XEN=816901
UVSP	23:10								

88/06/18 DOY=170									
Event # = 9014									
88/06/18, 06:11	DOY=170								
Start	Peak	End times	SMM Pointing:	S15E36					
Optical			Ha...Class=SF	S18E32	AR5047				
GOES	06:01	06:11	Importance=C4	Qual=01					
HXRBS	06:02:48	06:03:45	Peak...c/s=111	Qual=01	Tot Cts=2660				
BCS	06:04	06:06	CaPeak.C/s=150	Qual=1	FePeak=06:05				
UVSP	06:16		Wavelength=2788A	Code=02	Exp #=68999				
Radio Sweeps			III/3						
Radio	Frequency	Type/Intensity:	2695/14 8800/12						
HXRBS	06:08:56	06:09:08	Peak...c/s=113	Qual=01	Tot Cts=1508				
Associated Event # = 9015									
Event # = 9016									
88/06/18, 21:30	DOY=170								
Start	Peak	End times	SMM Pointing:	S15E27					
Optical			Ha...Class=SF	S26E81	AR5053				
GOES	21:29	21:30	Importance=B6	Qual=01					
HXRBS*	21:29:56	21:30:14	Peak...c/s=125	Qual=01	Tot Cts=478				
UVSP	21:22		Wavelength=1375A	Code=00	Exp #=69028				
Radio	Frequency	Type/Intensity:	245/990 410/130						
Event # = 10547									
88/06/19, 01:04	DOY=171								
Start	Peak	End times	SMM Pointing:	S15E26					
Optical			Ha...Class=SF	S23E74	AR5053				
GOES	00:58	01:04	Importance=C1	Qual=01					
HXRBS	00:58:20	00:58:38	Peak...c/s=107	Qual=01	Tot Cts=300				
UVSP	01:03		Wavelength=2788A	Code=00	Exp #=69041				
Event # = 9017									
88/06/19, 02:29	DOY=171								
Start	Peak	End times	SMM Pointing:	S15E25					
Optical			Ha...Class=1F	N14W63	AR5041				
GOES	02:21	02:29	Importance=C2	Qual=03					
HXRBS*	02:23:21	02:25:02	Peak...c/s=154	Qual=01	Tot Cts=3668				
UVSP	02:37		Wavelength=2788A	Code=02	Exp #=69043				
Radio Sweeps			III/2						
Event # = 9018									
88/06/19, 03:44	DOY=171								
Start	Peak	End times	SMM Pointing:	S15E24					
GOES			Peak...c/s=84	Qual=00					
HXRBS*	03:44:19	03:44:27	Wavelength=2788A	Qual=01	Tot Cts=93				
UVSP	04:12				Exp #=69045				
Event # = 9019									
88/06/19, 06:53	DOY=171								
Start	Peak	End times	SMM Pointing:	S15E22					
Optical			Ha...Class=SF	S17E17	AR5047				
GOES	06:52	06:53	Importance=C6	Qual=01					
HXRBS	06:52:53	06:53:00	Peak...c/s=78	Qual=01	Tot Cts=215				
UVSP	07:20		Wavelength=2788A		Exp #=69049				

Event # = 9020  
 88/06/19,08:28 DOY=171  
 Start Peak End times  
 Optical  
 G0ES 08:22 08:28 08:42  
 HXRBS 08:19:51 08:30:01 08:31:46  
 BCS 08:26 08:32 08:38  
 FCS  
 UVSP 08:54  
 Radio Frequency(MHz)/Flux(sfu):  
 SMM Pointing: S15E21  
 Ha...Class=SN  
 Importance=C2  
 Peak...c/s=79  
 CaPeak.c/s=60  
 Wavelength=2788A  
 245/4200 410/65  
 Pitch=+143",Yaw=+407",Roll=-20deg  
 Mac.=DH0 Carr.Lon.=152deg  
 MaxkeV=100  
 FePeak.c/s=15  
 Rast=0"x0"  
 Rast=180"x1"  
 #Peaks=1 dt= 3.8s  
 Step=0" Cad=4.10s  
 Step=0" Pitch=+25",Yaw=+331"  
 XEN=817100  
 4.096s/pixel  
 H.Ang=27deg

Event # = 21696  
 88/06/20,23:31 DOY=172  
 Start Peak End times  
 Optical  
 G0ES 23:22 23:31 23:57  
 BCS 23:29 23:30 23:36  
 FCS  
 UVSP 23:16  
 Radio Sweeps  
 Type/Intensity:  
 Frequency(MHz)/Flux(sfu):  
 SMM Pointing: S18W03  
 Ha...Class=SF  
 Importance=C1  
 CaPeak.c/s=35  
 Wavelength=2788A  
 111/1 V/2  
 245/140  
 Mac.=DH0 Carr.Lon.=152deg  
 FePeak.c/s=9  
 Rast=0"x0"  
 Rast=243"x243"  
 #Peaks=1 dt= 7.7s  
 Step=0" Cad=3840s  
 Step=3" Pitch=+270",Yaw=+108"  
 XEN=817200  
 3840s/pixel  
 H.Ang=20deg

Event # = 9247  
 88/06/21,00:53 DOY=173  
 Start Peak End times  
 Optical  
 G0ES 00:40 00:53 01:25  
 HXRBS\* 00:45:46 00:48:22 00:54:20  
 BCS 00:45 00:50 01:01  
 UVSP 00:41  
 Radio Frequency(MHz)/Flux(sfu):  
 SMM Pointing: S15W01  
 Ha...Class=SF  
 Ha...Class=SF  
 Importance=C3  
 Peak...c/s=158  
 CaPeak.c/s=170  
 Wavelength=2788A  
 245/430  
 Pitch=+267",Yaw=+82",Roll=-20deg  
 Mac.=EHI Carr.Lon.=150deg  
 MaxkeV=61  
 FePeak.c/s=25  
 Rast=180"x1"  
 Flags=1  
 #Peaks=1 dt= 7.7s  
 Step=0" Pitch=+146",Yaw=+13"  
 XEN=817300  
 H.Ang=17deg  
 H.Ang=19deg  
 H.Ang=36deg

Event # = 9021  
 88/06/21,02:23 DOY=173  
 Start Peak End times  
 Optical  
 G0ES 02:13 02:23 02:33  
 HXRBS\* 02:19:50 02:21:25 02:22:48  
 UVSP 02:16  
 Radio Sweeps  
 Type/Intensity:  
 SMM Pointing: S16W02  
 Ha...Class=SF  
 Importance=C3  
 Peak...c/s=125  
 Wavelength=2788A  
 111/2  
 Pitch=+273",Yaw=+72",Roll=-20deg  
 Mac.=EHI Carr.Lon.=148deg  
 MaxkeV=61  
 Rast=180"x1"  
 Step=0" Pitch=+151",Yaw=+0"  
 H.Ang=17deg  
 H.Ang=19deg

Event # = 9022  
 88/06/21,02:41 DOY=173  
 Start Peak End times  
 Optical  
 G0ES 02:33 02:41 03:05  
 HXRBS\* 02:38:42 02:39:46 02:40:43  
 UVSP 02:16  
 Radio Sweeps  
 Type/Intensity:  
 SMM Pointing: S16W02  
 Ha...Class=LN  
 Importance=C3  
 Peak...c/s=186  
 Wavelength=2788A  
 Pitch=+273",Yaw=+72",Roll=-20deg  
 Mac.=EHI Carr.Lon.=150deg  
 MaxkeV=61  
 Rast=180"x1"  
 Step=0" Pitch=+151",Yaw=+0"  
 H.Ang=17deg  
 H.Ang=19deg





Event # = 9029	DOY=174	SMM Pointing:	N02W00	Pitch=+3", Yaw=-4", Roll=0deg	H. Ang=0deg
88/06/22 05:35	Peak	End times			
Optical					
GOES 05:20	05:35	05:54	Ha...Class=1N	Mac.=EHI	Carr. Lon.=148deg
HXRBS 05:23:18	05:26:30	05:27:12	Importance=C4	AR5047	H. Ang=26deg
UVSP			Peak...c/s=79	MaxkeV=71	Pitch=-123", Yaw=+183"
Radio Sweeps	Type/Intensity:				
Radio Frequency (MHz)/Flux(sfu):	III/3 V/3				
245/22 410/180	606/2800	2695/18 8800/16			
Event # = 9034	DOY=174	SMM Pointing:	S15W26	Pitch=+400", Yaw=-280", Roll=-20deg	H. Ang=31deg
88/06/22 19:13	Peak	End times			
GOES 19:06	19:13	19:21	Importance=C1		
HXRBS 19:09:53	19:10:22	19:10:47	Peak...c/s=671	MaxkeV=161	
UVSP 19:08			Wave length=1375A	Rast=10"x10"	Step=0" Pitch=+437", Yaw=-272"
Radio Frequency (MHz)/Flux(sfu):	15400/180				
Event # = 9035	DOY=174	SMM Pointing:	S15W27	Pitch=+404", Yaw=-291", Roll=-20deg	H. Ang=32deg
88/06/22 21:10	Peak	End times			
GOES 21:08	21:10	21:19	Importance=C2		
HXRBS 21:07:48	21:08:35	21:09:26	Peak...c/s=101	MaxkeV=71	
UVSP 20:57			Wave length=1375A	Rast=10"x10"	Step=0" Pitch=+446", Yaw=-320"
Radio Frequency (MHz)/Flux(sfu):					
Event # = 9036	DOY=174	SMM Pointing:	S15W28	Pitch=+408", Yaw=-302", Roll=-20deg	H. Ang=32deg
88/06/22 22:44	Peak	End times			
Optical					
GOES 22:37	22:44	23:05	Ha...Class=1N	Mac.=EHI	Carr. Lon.=150deg
HXRBS 22:38:56	22:42:21	22:48:15	Importance=M5	AR5047	H. Ang=33deg
UVSP 22:32			Peak...c/s=166	MaxkeV=191	Flags=M5
Radio Sweeps	Type/Intensity:				
Radio Frequency (MHz)/Flux(sfu):	III/3 V/3				
606/370 2695/24 4995/85 8800/100 15400/50					
Event # = 21697	DOY=175	SMM Pointing:	S15W34	Pitch=+434", Yaw=-381", Roll=-20deg	H. Ang=38deg
88/06/23 08:07	Peak	End times			
GOES 07:38	08:07	08:36	CaPeak.c/s=31	FePeak=08:10	dt= 7.7s XEN=817500
BCS			Wave length=2788A	Rast=0"x0"	Cad=1.02s 1.024s/pixel
FCS				Rast=180"x1"	Pitch=+312", Yaw=-191"
UVSP 08:33				Exp #=69229	
Radio Frequency (MHz)/Flux(sfu):					
Event # = 9037	DOY=175	SMM Pointing:	S15W34	Pitch=+434", Yaw=-381", Roll=-20deg	H. Ang=38deg
88/06/23 09:26	Peak	End times			
Optical					
GOES 09:14	09:26	10:00	Ha...Class=2B	Mac.=EKC	Carr. Lon.=151deg
HXRBS 09:15:10	09:23:05	09:40:09	Importance=X2	AR5047	H. Ang=39deg
BCS 09:12	09:25	09:56	Peak...c/s=7694	MaxkeV=256	Flags=M5
FCS			CaPeak.c/s=7555	FePeak=09:24	dt= 3.8s XEN=817501
UVSP 09:04			Wave length=2788A	Rast=0"x0"	Cad=35.8s 35.84s/pixel
Radio Frequency (MHz)/Flux(sfu):	2695/81 4995/110 8800/260 15400/190			Rast=180"x1"	Pitch=+313", Yaw=-195"

Event # = 21698									
88/06/23, 09:57		DOY=175	Peak						
GOES	09:57	10:11	End times	Qual=00					
BCS	09:57	09:57	10:11	CaPeak.c/s=980	Qual= 5	FePeak=09:57	FePeak.c/s=25	#Peaks=1	dt= 7.7s XEN=817502
FCS							Rast=0"x0"	Step=0"	Cad= 688s 687.9s/pixel
UVSP	10:07			Wavelength=2788A		Exp #=69231	Rast=180"x1"	Step=0"	Pitch=+315", Yaw=-202"
Event # = 9038									
88/06/23, 10:00		DOY=175	Peak	SMM Pointing:	S15W34	Pitch=+434", Yaw=-381", Roll=-20deg H.Ang=38deg			
GOES	10:00:35	10:00:41	10:00:49	End times	Qual=00				
HXRBS	10:07			Peak...c/s=81	Qual=01	Tot Cts=121	MaxkeV=71		
UVSP	10:07			Wavelength=2788A		Exp #=69231	Rast=180"x1"	Step=0"	Pitch=+315", Yaw=-202"
Event # = 21699									
88/06/23, 10:47		DOY=175	Peak						
GOES	10:45	10:47	11:28	End times	Qual=00				
BCS	10:45	10:47	11:28	CaPeak.c/s=36	Qual= 5	FePeak=10:47	FePeak.c/s=15	#Peaks=1	dt= 7.7s XEN=817503
FCS							Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
UVSP	10:39			Wavelength=2788A		Exp #=69232	Rast=180"x1"	Step=0"	Pitch=+316", Yaw=-206"
Event # = 21700									
88/06/23, 11:32		DOY=175	Peak						
GOES	11:27	11:32	11:36	End times	Qual=01				
BCS	11:31	11:33	11:36	Importance=C2	Qual= 1	FePeak=11:33	FePeak.c/s=16	#Peaks=1	dt= 7.7s XEN=817504
FCS				CaPeak.c/s=28			Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
UVSP	11:42			Wavelength=2788A		Exp #=69233	Rast=180"x1"	Step=0"	Pitch=+319", Yaw=-213"
Event # = 9039									
88/06/23, 12:27		DOY=175	Peak	SMM Pointing:	S15W35	Pitch=+442", Yaw=-402", Roll=-20deg H.Ang=39deg			
Optical	12:19	12:27	12:46	End times	Ha...Class=SF	AR5047	Mac.=EKC	Carr. Lon.=152deg	H.Ang=38deg
GOES	12:19	12:27	12:46	Importance=C2	S10W36				
HXRBS	12:19:53	12:22:18	12:30:05	Peak...c/s=83	Qual=01	Tot Cts=7988	MaxkeV=191	#Peaks=1	dt= 7.7s XEN=817505
BCS	12:22	12:28	13:10	CaPeak.c/s=41	Qual= 1	FePeak=12:25	Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
FCS							Rast=180"x1"	Step=0"	Pitch=+320", Yaw=-216"
UVSP	12:13			Wavelength=2788A	Code=01	Exp #=69234			
Event # = 21701									
88/06/23, 14:50		DOY=175	Peak						
GOES	14:50	14:50	14:53	End times	Qual=00				
BCS	14:50	14:50	14:53	CaPeak.c/s=21	Qual= 5	FePeak=14:50	FePeak.c/s=10	#Peaks=1	dt= 7.7s XEN=817506
FCS							Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
UVSP	14:50			Wavelength=2788A		Exp #=69237	Rast=180"x1"	Step=0"	Pitch=+327", Yaw=-232"

Event # = 21702												
88/06/23	15:50	DOY=175										
	Start	Peak										
GOES	15:41	15:50	16:00	End times								
BCS	15:43	15:53	16:27	Importance=C2	Qual=03	FePeak=15:49	FePeak.c/s=12	#Peaks=1	dt= 3.8s XEN=817507			
FCS				CaPeak.c/s=66	Qual= 3		Rast=0"x0"	Step=0"	Cad=3840s 3840s/pixel			
UVSP	15:48											
Radio Sweeps			Type/Intensity:	WaveLength=1375A	Code=00	Exp #=69241	Rast=10"x10"	Step=0"	Pitch=+474" , Yaw=-393"			
				V/2								
Event # = 21703												
88/06/23	18:02	DOY=175										
	Start	Peak										
Optical												
GOES	17:49	18:02	19:07	Ha...Class=1B	S17W35	AR5047	Mac.=EKC	Carr. Lon.=147deg	H. Ang=39deg			
BCS	18:35	18:36	19:12	Importance=M8	Qual=05							
FCS				CaPeak.c/s=424	Qual= 1	FePeak=18:36	FePeak.c/s=14	#Peaks=1	dt= 3.8s XEN=817508			
UVSP	18:36											
Radio Sweeps			Type/Intensity:	WaveLength=1375A		Exp #=69246	Rast=25"x25"	Step=5"	Cad=25.6s 1.024s/pixel			
				V/2								
Event # = 21704												
88/06/23	20:26	DOY=175										
	Start	Peak										
Optical												
GOES	20:20	20:26	20:32	Ha...Class=SF	S17W36	AR5047	Mac.=EKC	Carr. Lon.=147deg	H. Ang=40deg			
BCS	20:10	20:26	20:52	Importance=C3	Qual=01							
FCS				CaPeak.c/s=51	Qual= 1	FePeak=20:25	FePeak.c/s=8	#Peaks=1	dt= 3.8s XEN=817509			
UVSP	20:13											
				WaveLength=1375A	Code=00	Exp #=69253	Rast=10"x10"	Step=0"	Cad=1.02s 1.024s/pixel			
Event # = 21705												
88/06/23	22:45	DOY=175										
	Start	Peak										
GOES	22:01	22:45	23:10	End times								
BCS	22:25	22:32	22:32	Importance=C2	Qual=02	FePeak=22:25	FePeak.c/s=8	#Peaks=1	dt= 7.7s XEN=817510			
FCS				CaPeak.c/s=29	Qual= 2		Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel			
UVSP	22:21											
				WaveLength=1375A		Exp #=69263	Rast=10"x10"	Step=0"	Pitch=+483" , Yaw=-435"			
88/06/24 DOY=176												
Event # = 9043												
88/06/24	01:43	DOY=176										
	Start	Peak										
Optical												
GOES	01:40	01:43	01:46	SMM Pointing:	S15W42	AR5051	Mac.=EAO	Carr. Lon.=158deg	H. Ang=46deg			
HXRBS	01:42:18	01:42:25	01:42:41	Ha...Class=SF	N36W50							
UVSP	01:40	01:42:25	01:42:41	Importance=C3	Qual=01							
Radio Sweeps			Type/Intensity:	Peak...c/s=70	Qual=01	Tot Cts=230	MaxkeV=71	Step=0"	Pitch=+503" , Yaw=-449"			
				WaveLength=1375A	Code=00	Exp #=69279	Rast=10"x10"					
				III/2 V/2								

Event # = 9040 88/06/24, 03:13 Start	DOY=176 Peak	SMM Pointing:	S15W43	Pitch=+473", Yaw=-494", Roll=-20deg	H.Ang=46deg
Optical	End times	Ha...Class=SN	S18W43	Mac.=EKC	H.Ang=47deg
G0ES	03:00	Importance=C5	Qual=03		
HXRBS	03:06:27	Peak...c/s=118	Qual=01		
BCS	02:56	CaPeak.c/s=307	Qual=1		
FCS					
UVSP	02:29	WaveLength=2788A	Code=00		
Radio	Frequency(MHz)/Flux(sfu):	8800/10 15400/26			
Event # = 9042 88/06/24, 04:12 Start	DOY=176 Peak	SMM Pointing:	S15W43	Pitch=+473", Yaw=-494", Roll=-20deg	H.Ang=46deg
G0ES	04:10	Importance=C2	Qual=01		
HXRBS	04:11:57	Peak...c/s=62	Qual=01		
UVSP	03:53	WaveLength=2788A	Code=01		
Event # = 9041 88/06/24, 04:30 Start	DOY=176 Peak	SMM Pointing:	S15W44	Pitch=+475", Yaw=-504", Roll=-20deg	H.Ang=47deg
Optical	End times	Ha...Class=1B	S18W45	Mac.=EKC	H.Ang=49deg
G0ES	04:19	Importance=X1	Qual=03		
HXRBS	04:18:14	Peak...c/s=10790	Qual=11		
BCS	04:10	CaPeak.c/s=7074	Qual=1		
FCS					
UVSP	04:56	WaveLength=2788A			
Radio	Frequency(MHz)/Flux(sfu):	2695/260 4995/530 8800/970 15400/950			
Event # = 21706 88/06/24, 05:34 Start	DOY=176 Peak	SMM Pointing:	S18W45	Pitch=+479", Yaw=-514", Roll=-20deg	H.Ang=48deg
Optical	End times	Ha...Class=1B	Qual=00		
G0ES	05:33	CaPeak.c/s=1037	Qual=5		
BCS	05:26	WaveLength=2788A			
FCS					
UVSP	05:26				
Event # = 9044 88/06/24, 06:33 Start	DOY=176 Peak	SMM Pointing:	S15W45	Pitch=+479", Yaw=-514", Roll=-20deg	H.Ang=48deg
G0ES	06:30	Importance=C6	Qual=02		
HXRBS	06:32:28	Peak...c/s=595	Qual=01		
BCS	06:30	CaPeak.c/s=48	Qual=5		
FCS					
UVSP	06:29	WaveLength=2788A	Code=00		
Event # = 9045 88/06/24, 07:39 Start	DOY=176 Peak	SMM Pointing:	S15W45	Pitch=+479", Yaw=-514", Roll=-20deg	H.Ang=48deg
Optical	End times	Ha...Class=SF	S18W46	Mac.=EKC	H.Ang=50deg
G0ES	07:31	Importance=M1	Qual=01		
HXRBS	07:30:50	Peak...c/s=234	Qual=01		
BCS	07:31	CaPeak.c/s=604	Qual=1		
FCS					
UVSP	08:04	WaveLength=2788A			

BCS	08:01	08:01	08:07	CaPeak.c/s=29	Associated Event # = 21707	FePeak.c/s=11	#Peaks=1	dt= 7.7s	XEN=817605
FCS					Qual= 5	FePeak=08:01	Step=0"	Cad=1.02s	1.024s/pixel
<hr/>									
Event # = 9046									
88/06/24, 09:01	DOY=176	End times	SMM Pointing:	S15W46		Pitch=+483"	Yaw=-524"	Roll=-20deg	H.Ang=49deg
Start	Peak								
GOES 08:57	09:01	09:09	Importance=C3	Qual=01					
HXRBS 08:57:43	08:57:55	09:00:22	Peak...c/s=106	Qual=01	Tot Cts=1538	MaxkeV=71	dt= 3.8s	XEN=817606	
BCS 08:57	08:59	09:09	CaPeak.c/s=134	Qual= 1	FePeak=08:59	FePeak.c/s=30	Cad=25.6s	1.024s/pixel	
FCS						Rast=25"x25"	Pitch=+363"	Yaw=-343"	
UVSP 08:36			Wavelength=2788A		Exp #=69288	Rast=180"x1"	Step=0"		
<hr/>									
Event # = 21708									
88/06/24, 10:41	DOY=176	End times							
Start	Peak								
GOES 10:25	10:41	11:06	Importance=C3	Qual=05					
BCS 10:16	10:34	11:16	CaPeak.c/s=47	Qual= 7	FePeak=10:58	FePeak.c/s=14	dt= 3.8s	XEN=817607	
FCS						Rast=0"x0"	Cad=1.02s	1.024s/pixel	
UVSP 11:11			Wavelength=2788A		Exp #=69291	Rast=180"x1"	Pitch=+368"	Yaw=-358"	
<hr/>									
Event # = 9047									
88/06/24, 11:22	DOY=176	End times	SMM Pointing:	S15W47		Pitch=+486"	Yaw=-534"	Roll=-20deg	H.Ang=50deg
Start	Peak								
GOES 11:07	11:22	11:47	Importance=C3	Qual=03					
HXRBS 11:06:52	11:07:49	11:09:28	Peak...c/s=76	Qual=01	Tot Cts=991	MaxkeV=71	dt= 3.8s	XEN=817608	
UVSP 11:11			Wavelength=2788A	Code=01	Exp #=69291	Rast=180"x1"	Pitch=+368"	Yaw=-358"	
<hr/>									
Event # = 21709									
88/06/24, 12:46	DOY=176	End times							
Start	Peak								
Optical									
GOES 12:29	12:46	13:45	Ha...Class=1N	S17W49	AR5047	Mac.=EKC	Carr.Lon.=151deg	H.Ang=52deg	
BCS 11:50	12:39	12:50	Importance=C8	Qual=03					
FCS			CaPeak.c/s=520	Qual= 4	FePeak=12:39	FePeak.c/s=95	dt= 3.8s	XEN=817608	
UVSP 12:54			Wavelength=1375A	Code=02	Exp #=69295	Rast=60"x60"	Cad=36.9s	1.024s/pixel	
Radio Sweeps			Type/Intensity:			Rast=265"x265"	Pitch=+499"	Yaw=-539"	
Radio Frequency (MHz)/Flux(sfu):			V/3						
			245/100						
<hr/>									
Event # = 21710									
88/06/24, 13:41	DOY=176	End times	Associated Event # = 21710						
Start	Peak		Qual= 5						
BCS 13:23	13:24	13:41	CaPeak.c/s=38	Qual= 5	FePeak=13:24	FePeak.c/s=10	dt= 7.7s	XEN=817609	
FCS						Rast=0"x0"	Cad=1.02s	1.024s/pixel	
UVSP 13:25			Wavelength=1375A		Exp #=69298	Rast=265"x265"	Pitch=+500"	Yaw=-542"	
<hr/>									
Event # = 21711									
88/06/24, 14:58	DOY=176	End times							
Start	Peak								
GOES 14:16	14:58	15:57	CaPeak.c/s=61	Qual=00	FePeak=15:04	FePeak.c/s=10	dt= 3.8s	XEN=817614	
BCS 14:16	14:58	15:57	Wavelength=1375A	Qual= 4	Exp #=69304	Rast=0"x0"	Cad=4.10s	4.096s/pixel	
FCS						Rast=200"x200"	Pitch=+503"	Yaw=-549"	
UVSP 14:58									

Event # = 9048  
88/06/24, 16:09 DOY=176 Pitch=+498", Yaw=-567", Roll=-20deg H. Ang=53deg  
Start Peak  
Optical SMM Pointing: S15W50 Mac.=EKC Carr. Lon.=152deg H. Ang=55deg  
GOES 16:01 16:09 16:42 Ha...Class=2B S17W52 AR5047  
HXRBs 16:30:53 16:30:59 16:41:06 Importance=X2 Qual=05  
UVSP 16:33 16:33 16:41:06 Peak...c/s=105 Qual=02 Tot Cts=15343  
Radio Frequency(MHz)/Flux(sfu): 1415/120 2695/160 4995/360 8800/640 15400/910 Exp #=69308  
Pitch=+506", Yaw=-558"  
Step=5"  
HXRBs 16:37:07 16:37:12 16:37:28 Peak...c/s=149 Associated Event # = 9049  
UVSP 16:34 16:34 16:37:28 Wavelength=1375A Qual=01 Tot Cts=536  
MaxkeV=161  
Rast=10"x10" Step=0" Pitch=+541", Yaw=-568"  
Exp #=69309

Event # = 9050  
88/06/24, 16:48 DOY=176 Pitch=+498", Yaw=-567", Roll=-20deg H. Ang=53deg  
Start Peak  
Optical SMM Pointing: S15W50 Mac.=EKC Carr. Lon.=152deg H. Ang=55deg  
GOES 16:44 16:48 18:18 Ha...Class=2B S17W52 AR5047  
HXRBs 16:40:48 16:47:00 16:59:14 Importance=X6 Qual=03  
GRS 16:43:00 16:51:00 Peak...c/s=146300 Qual=03 Tot Cts=4.56E+7  
FCS 16:31 16:51 16:59 CaPeak.c/s=8021 Qual=1 FePeak=16:49 dt= 7.7s XEN=817611  
UVSP 16:47 16:51 16:59 Wavelength=1375A Code=00 Exp #=69310 Dur=480sec  
Radio Type/Intensity: FePeak.c/s=8726 #Peaks=3 Rast=0"x0" Step=0" XEN=817611  
Radio Frequency(MHz)/Flux(sfu): 245/17000 410/16000 606/1500 1415/670 2695/340 4995/850 8800/1600 15400/1600 Cad=4.10s 4.096s/pixel  
Pitch=+507", Yaw=-559"  
Step=5"  
BCS 18:05 18:10 18:40 CaPeak.c/s=525 Qual=3 FePeak=18:10 dt= 3.8s XEN=817612  
FCS 18:09 18:10 18:40 Wavelength=1375A Exp #=69313 Rast=25"x25" Cad=25.6s 1.024s/pixel  
UVSP 18:09 18:10 18:40 Wavelength=1375A Pitch=+544", Yaw=-591"  
Step=0"

Event # = 9051  
88/06/24, 18:40 DOY=176 Pitch=+502", Yaw=-579", Roll=-20deg H. Ang=54deg  
Start Peak  
Optical SMM Pointing: S15W52 MaxkeV=71  
GOES 18:33 18:40 18:49 Importance=M1 Qual=03 Rast=10"x10" Step=0" Pitch=+524", Yaw=-604"  
HXRBs 18:32:27 18:37:55 18:39:01 Peak...c/s=123 Qual=01 Tot Cts=5595  
UVSP 18:40 18:40 18:39:01 Wavelength=1375A Code=02 Exp #=69317  
Radio Type/Intensity: III/2 V/2

Event # = 21713  
88/06/24, 19:23 DOY=176  
Start Peak  
Optical SMM Pointing: S15W52 Mac.=EKC Carr. Lon.=150deg H. Ang=55deg  
GOES 19:20 19:23 20:22 Ha...Class=SF S17W52 AR5047  
BCS 19:39 19:41 20:21 Importance=C8 Qual=05  
FCS 19:41 19:41 20:21 CaPeak.c/s=54 Qual=5 FePeak=19:39 dt= 3.8s XEN=817613  
UVSP 19:40 19:41 20:21 Wavelength=1375A Exp #=69318 Rast=200"x200" Step=5" Pitch=+511", Yaw=-574"  
Pitch=+505", Yaw=-589", Roll=-20deg H. Ang=55deg  
Carr. Lon.=8deg H. Ang=90deg  
Flags=M5, I  
Step=5" Pitch=+511", Yaw=-650"

Event # = 9052  
88/06/24, 21:38 DOY=176  
Start Peak  
Optical SMM Pointing: S15W53  
GOES 21:21 21:38 22:07 Ha...Class=1B S21E89  
HXRBs 21:20:06 21:28:35 21:44:45 Importance=M3 Qual=03  
UVSP 21:36 21:36 21:44:45 Peak...c/s=1593 Qual=01 Tot Cts=3.52E+5  
Radio Type/Intensity: III/3 MaxkeV=130  
Frequency(MHz)/Flux(sfu): 245/60 Rast=130"x130" Step=5" Pitch=+511", Yaw=-650"

88/06/25 DOY=177									
Event # = 9053	88/06/25, 00:35	DOY=177	SMM Pointing:		S15W55	Pitch=+511", Yaw=-610", Roll=-20deg		H. Ang=57deg	
Start	Peak	End times	Importance=C3		Qual=01	MaxkeV=100		Flags=I	
GOES 00:22	00:35	00:57	Peak...c/s=81		Qual=01	Rast=10"x10"		Step=0"	
HXRBS 00:30:54	00:35:06	00:36:48	Wavelength=1375A		Code=00	Tot Cts=2840		Pitch=+508", Yaw=-673"	
UVSP 00:31			Type/Intensity:			Exp #=69339			
Radio Sweeps			V/1						
Radio Frequency(MHz)/Flux(sfu):	410/280 606/22								
Event # = 9056	88/06/25, 02:18	DOY=177	SMM Pointing:		S15W55	Pitch=+511", Yaw=-610", Roll=-20deg		H. Ang=57deg	
Start	Peak	End times	Ha...Class=1F		S26E89	Carr. Lon.=6deg		H. Ang=90deg	
Optical			Importance=C9		Qual=01	MaxkeV=224		Flags=I	
GOES 02:12	02:18	02:25	Peak...c/s=593		Qual=01	Rast=200"x200"		Step=5"	
HXRBS 02:12:50	02:13:40	02:22:34	Wavelength=1375A		Code=02	Tot Cts=26200		Pitch=+521", Yaw=-606"	
UVSP 02:18			Type/Intensity:			Exp #=69349			
Radio Sweeps			V/3						
Radio Frequency(MHz)/Flux(sfu):	245/230 410/81 606/54 1415/50 2695/84 8800/30								
Event # = 21714	88/06/25, 03:52	DOY=177	Ha...Class=SF		S16W58	Mac.=EKC		H. Ang=60deg	
Start	Peak	End times	Importance=C6		Qual=01	FePeak.c/s=48		#Peaks=3	
Optical			CaPeak.c/s=316		Qual= 1	Rast=0"x0"		dt= 7.7s	
GOES 03:42	03:52	04:00	Wavelength=1375A		Code=02	Rast=200"x200"		XEN=817700	
BCS 03:29	03:49	04:31	Type/Intensity:			Exp #=69358		Cad=4.10s	
FCS			V/3					Pitch=+523", Yaw=-613"	
UVSP 03:52									
Radio Sweeps									
Event # = 21715	88/06/25, 05:03	DOY=177	Importance=C2		Qual=05	FePeak.c/s=10		#Peaks=1	
Start	Peak	End times	CaPeak.c/s=39		Qual= 5	Rast=0"x0"		Step=0"	
GOES 04:58	05:03	05:16	Wavelength=2788A		Code=02	Rast=15"x15"		dt= 7.7s	
BCS 05:04	05:05	05:16	Type/Intensity:			Exp #=69364		XEN=817701	
FCS								Cad=3840s	
UVSP 05:06								Pitch=+525", Yaw=-619"	
Event # = 21716	88/06/25, 05:21	DOY=177	Importance=C3		Qual=01	FePeak.c/s=13		#Peaks=2	
Start	Peak	End times	CaPeak.c/s=76		Qual= 1	Rast=0"x0"		Step=0"	
GOES 05:17	05:21	05:25	Wavelength=2788A		Code=00	Rast=243"x243"		dt= 3.8s	
BCS 05:19	05:23	05:56	Type/Intensity:			Exp #=69365		XEN=817702	
FCS								Cad=3840s	
UVSP 05:07								Pitch=+525", Yaw=-619"	
Event # = 21717	88/06/25, 06:08	DOY=177	Importance=C2		Qual=02	FePeak.c/s=6		#Peaks=1	
Start	Peak	End times	CaPeak.c/s=21		Qual= 2	Rast=0"x0"		Step=0"	
GOES 06:00	06:08	06:10	Wavelength=2788A			Rast=180"x1"		dt= 7.7s	
BCS 06:04	06:04	06:05	Type/Intensity:			Exp #=69366		XEN=817703	
FCS								Cad=3840s	
UVSP 06:33								Pitch=+398", Yaw=-453"	



Event # = 9060											
88/06/25, 06:59		DOY=177		SMM Pointing:		S15W58		Pitch=+517", Yaw=-632", Roll=-20deg		H.Ang=60deg	
Start		Peak		End times							
GOES 06:26		06:59		07:32		Importance=M3		Qual=04			
HXRBS 06:36:59		06:47:14		07:05:52		Peak...c/s=474		Qual=01			
BCS 06:38		06:53		07:37		CaPeak.c/s=2394		Qual=1			
FCS											
UVSP 06:33						Wavelength=2788A					
Radio Sweeps						111/2 V/3					
Radio Frequency(MHz)/Flux(sfu):						245/67 2695/34					
Event # = 9205											
88/06/25, 07:42		DOY=177		SMM Pointing:		S15W59		Pitch=+520", Yaw=-642", Roll=-20deg		H.Ang=61deg	
Start		Peak		End times							
GOES 07:32		07:42		08:16		Importance=M1		Qual=02			
HXRBS 07:31:33		07:32:19		07:35:08		Peak...c/s=73		Qual=01			
UVSP 07:33						Wavelength=2788A		Code=01			
Radio Frequency(MHz)/Flux(sfu):						410/97 606/65					
HXRBS 07:37:05		07:37:11		07:37:38		Peak...c/s=51		Qual=01			
BCS 07:37		07:37		07:39		CaPeak.c/s=117		Qual=5			
FCS											
Event # = 9061											
88/06/25, 08:25		DOY=177		SMM Pointing:		S15W59		Pitch=+520", Yaw=-642", Roll=-20deg		H.Ang=61deg	
Start		Peak		End times							
GOES 08:16		08:25		08:46		Importance=M1		Qual=03			
HXRBS 08:15:39		08:23:19		08:37:26		Peak...c/s=215		Qual=01			
BCS 08:12		08:25		09:12		CaPeak.c/s=833		Qual=1			
FCS											
UVSP 08:06						Wavelength=2788A		Code=01			
Event # = 9207											
88/06/25, 08:50		DOY=177		SMM Pointing:		S15W59		Pitch=+520", Yaw=-642", Roll=-20deg		H.Ang=61deg	
Start		Peak		End times							
GOES 08:46		08:50		09:40		Importance=C8		Qual=03			
HXRBS 08:45:34		08:46:05		08:49:21		Peak...c/s=73		Qual=01			
BCS 09:12		09:12		09:13		CaPeak.c/s=40		Qual=5			
FCS											
UVSP 09:08						Wavelength=2788A					
Event # = 21718											
88/06/25, 11:17		DOY=177		SMM Pointing:		S15W59		Pitch=+520", Yaw=-642", Roll=-20deg		H.Ang=61deg	
Start		Peak		End times							
Optical						Ha...Class=1N		S20E73		Carr.Lon.=17deg	
Optical						Ha...Class=SF		S19W65		Carr.Lon.=155deg	
GOES 11:06		11:17		11:28		Importance=M2		Qual=05			
BCS 11:20		11:21		11:37		CaPeak.c/s=52		Qual=5			
FCS											
UVSP 11:15						Wavelength=2788A		Code=00			
Radio Sweeps						11/3					
Radio Frequency(MHz)/Flux(sfu):						245/290 410/230 606/66 4995/69 15400/68					



Event # = 21723									
88/06/25,20:42	DOY=177								
Start	Peak	End times							
20:34	20:42	20:53							
GOES			Importance=C2	Qual=05					
BCS	20:45	20:52	CaPeak.c/s=21	Qual= 5	FePeak=20:46	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=817714
FCS						Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
UVSP	20:39		Wavelength=1375A	Code=00	Exp #=69393	Rast=10"x10"	Step=0"	Pitch=+567"	Yaw=-679"
Event # = 21724									
88/06/25,21:20	DOY=177								
Start	Peak	End times							
21:20	21:20	21:24							
GOES			CaPeak.c/s=18	Qual=00	FePeak=21:22	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=817715
BCS	21:20			Qual= 1		Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
FCS						Rast=10"x10"	Step=0"	Pitch=+573"	Yaw=-671"
UVSP	21:09		Wavelength=1375A		Exp #=69397				
Event # = 21725									
88/06/25,22:52	DOY=177								
Start	Peak	End times							
22:40	22:52	23:06							
GOES			Importance=C2	Qual=01					
BCS	22:27	23:08	CaPeak.c/s=59	Qual= 1	FePeak=22:54	FePeak.c/s=11	#Peaks=2	dt= 3.8s	XEN=817716
FCS						Rast=0"x0"	Step=0"	Cad=4.10s	4.096s/pixel
UVSP	22:43		Wavelength=1375A	Code=00	Exp #=69404	Rast=10"x10"	Step=0"	Pitch=+524"	Yaw=-711"
88/06/26 DOY=178									
Event # = 9304									
88/06/26,00:24	DOY=178								
Start	Peak	End times							
00:20	00:24	00:36							
Optical			SMM Pointing:	S15W68					
GOES	00:20	00:24	Ha...Class=SF	S20E89	AR5060	Mac.=DKC	Carr. Lon.=353deg	Pitch=+538"	Yaw=-703"
HXRBS	00:19:59	00:21:04	Importance=C9	Qual=01		MaxkeV=224	Flags=1	H. Ang=69deg	
UVSP	00:16	00:28:29	Peak...c/s=683	Qual=01	Tot Cts=30200	Rast=10"x10"	Step=0"	H. Ang=90deg	
Radio	Frequency(MHz)/Flux(sfu):	606/110 2695/93 4995/62 8800/150 15400/170	Wavelength=1375A	Code=00	Exp #=69413				
Event # = 21727									
88/06/26,00:46	DOY=178								
Start	Peak	End times							
00:40	00:46	01:10							
Optical			Ha...Class=SF	S20E89	AR5060	Mac.=DKC	Carr. Lon.=353deg	Pitch=+538"	Yaw=-703"
GOES	00:40	00:46	Importance=C3	Qual=03		FePeak.c/s=11	#Peaks=2	dt= 3.8s	XEN=817801
BCS	00:24	00:45	CaPeak.c/s=58	Qual= 1	FePeak=00:45	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
FCS		00:51				Rast=10"x10"	Step=0"	Pitch=+566"	Yaw=-698"
UVSP	00:46		Wavelength=1375A	Code=02	Exp #=69417				
Event # = 9078									
88/06/26,01:46	DOY=178								
Start	Peak	End times							
01:33	01:46	01:50							
GOES			SMM Pointing:	S15W68					
HXRBS	01:43:29	01:44:27	Importance=C2	Qual=01		MaxkeV=71	#Peaks=1	dt= 3.8s	XEN=817802
BCS	01:43	01:46	Peak...c/s=69	Qual=01	Tot Cts=718	FePeak.c/s=11	Step=0"	Cad=4.10s	4.096s/pixel
FCS		01:56	CaPeak.c/s=55	Qual= 1	FePeak=01:45	Rast=0"x0"	Step=0"	Pitch=+572"	Yaw=-695"
UVSP	01:37		Wavelength=1375A	Code=00	Exp #=69420	Rast=10"x10"			

Event # = 9079									
88/06/26, 01:53		DOY=178	End times		SMM Pointing:		S15W68	Pitch=+538", Yaw=-703", Roll=-20deg	H. Ang=69deg
Start		Peak			Importance=C3		Qual=01		
GOES 01:50		01:53	02:00		Peak...c/s=78		Qual=01		
HXRBS 01:49:51		01:50:10	01:51:58		Wavelength=1375A		Code=00	Tot Cts=1150	
UVSP 01:51								Exp #=69422	Step=0" Pitch=+567", Yaw=-701"
Event # = 21728									
88/06/26, 02:04		DOY=178	End times		SMM Pointing:		S15W70	Pitch=+541", Yaw=-714", Roll=-20deg	H. Ang=71deg
Start		Peak			Importance=C3		Qual=01		
GOES 02:00		02:04	02:12		CaPeak.c/s=18		Qual= 4	FePeak=02:01	dt= 7.7s XEN=817803
BCS 02:00		02:00	02:02		Wavelength=1375A		Code=00	Rast=0"x0"	Cad=1.02s 1.024s/pixel
FCS								Rast=200"x200"	Pitch=+547", Yaw=-697"
UVSP 02:03								Exp #=69423	Step=5"
Event # = 9062									
88/06/26, 05:22		DOY=178	End times		SMM Pointing:		S15W70	Pitch=+541", Yaw=-714", Roll=-20deg	H. Ang=71deg
Start		Peak			Importance=C3		Qual=03		
GOES 05:08		05:22	05:50		Peak...c/s=75		Qual=01	Tot Cts=230	
HXRBS 05:12:05		05:12:12	05:12:36		Wavelength=1375A		Code=00	Exp #=69442	Step=0" Pitch=+574", Yaw=-706"
UVSP 05:13									
Event # = 9063									
88/06/26, 06:25		DOY=178	End times		SMM Pointing:		S15W70	Pitch=+541", Yaw=-714", Roll=-20deg	H. Ang=71deg
Start		Peak			Importance=C3		Qual=01		
GOES 06:20		06:25	06:34		Peak...c/s=65		Qual=01	MaxkeV=71	
HXRBS 06:22:59		06:24:03	06:24:39		Wavelength=1375A		Code=00	Rast=130"x130"	Step=5" Pitch=+572", Yaw=-711"
UVSP 06:13									
Radio Sweeps		Type/Intensity:							
Event # = 9064									
88/06/26, 06:38		DOY=178	End times		SMM Pointing:		S15W70	Pitch=+541", Yaw=-714", Roll=-20deg	H. Ang=71deg
Start		Peak			Importance=C3		Qual=01		
GOES 06:35		06:38	06:44		Peak...c/s=61		Qual=01	MaxkeV=71	
HXRBS 06:36:49		06:37:07	06:37:24		Wavelength=1375A		Code=00	Rast=130"x130"	Step=5" Pitch=+587", Yaw=-696"
UVSP 06:29									
Event # = 9065									
88/06/26, 06:42		DOY=178	End times		SMM Pointing:		S15W70	Pitch=+541", Yaw=-714", Roll=-20deg	H. Ang=71deg
Start		Peak			Importance=C3		Qual=00		
GOES 06:42:15		06:42:22	06:42:48		Peak...c/s=58		Qual=01	MaxkeV=71	
HXRBS 06:41					Wavelength=1375A			Rast=265"x265"	Step=5" Pitch=+550", Yaw=-710"
UVSP 06:41									
Event # = 21729									
88/06/26, 08:58		DOY=178	End times		SMM Pointing:		S15W70	Pitch=+541", Yaw=-714", Roll=-20deg	H. Ang=71deg
Start		Peak			Importance=C6		Qual=02		
GOES 08:38		08:58	09:28		CaPeak.c/s=82		Qual= 1	FePeak=08:41	dt= 7.7s XEN=817804
BCS 08:19		08:42	08:44		Wavelength=2788A			Rast=25"x25"	Cad=25.6s 1.024s/pixel
FCS								Rast=180"x1"	Pitch=+423", Yaw=-544"
UVSP 09:09								Exp #=69461	Step=0"
					Associated			Event # = 21730	
					Qual= 5			FePeak=09:17	dt= 3.8s XEN=817805
BCS 09:16		09:17	09:53		CaPeak.c/s=47			Rast=240"x240"	Cad= 131s 0.512s/pixel
FCS									



Event # = 21733									
88/06/26, 16:31		DOY=178	Peak						
Optical	End times			Ha...Class=SF	S18W78	AR5047	Mac.=EKC	Carr. Lon.=152deg	H. Ang=79deg
GOES	16:25	16:31	16:35	Importance=M1	Qual=04	FePeak=16:31	FePeak.c/s=9	#Peaks=1	dt= 7.7s XEN=817810
BCS	16:31	16:31	16:33	CaPeak.c/s=24	Qual= 5		Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
FCS							Rast=200"x200"	Step=5"	Pitch=+555" , Yaw=-756"
UVSP	17:07			Wavelength=1375A		Exp #=69473			
Event # = 9070									
88/06/26, 17:36		DOY=178	Peak						
Optical	End times			SMM Pointing:	S15W82	AR5047	Mac.=EKC	Carr. Lon.=152deg	H. Ang=83deg
GOES	17:32	17:36	17:43	Ha...Class=SN	S17W79	Tot Cts=7237	Maxkey=130	Flags=M5	H. Ang=80deg
HXRBS	17:34:48	17:35:43	17:36:43	Importance=M1	Qual=01		Rast=10"x10"	Step=0"	Pitch=+575" , Yaw=-741"
UVSP	17:25			Peak...c/s=364	Qual=01				
Event # = 21734									
88/06/26, 22:38		DOY=178	Peak						
GOES	22:32	22:38	22:41	Importance=C5	Qual=01	FePeak=22:37	FePeak.c/s=9	#Peaks=1	dt= 7.7s XEN=817811
BCS	22:37	22:37	22:37	CaPeak.c/s=25	Qual= 2		Rast=25"x25"	Step=5"	Cad=25.6s 1.024s/pixel
FCS							Rast=130"x130"	Step=5"	Pitch=+592" , Yaw=-738"
UVSP	22:26			Wavelength=1375A	Code=00	Exp #=69497			
Event # = 21735									
88/06/26, 23:18		DOY=178	Peak						
GOES	23:16	23:18	23:26	Importance=C5	Qual=05	FePeak=23:23	FePeak.c/s=7	#Peaks=1	dt= 7.7s XEN=817812
BCS	23:23	23:23	23:26	CaPeak.c/s=20	Qual= 5		Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
FCS							Rast=265"x265"	Step=5"	Pitch=+555" , Yaw=-756"
UVSP	23:24			Wavelength=1375A	Code=02	Exp #=69499			
88/06/27 DOY=179									
Event # = 9071									
88/06/27, 01:36		DOY=179	Peak						
GOES	End times			Qual=00					
HXRBS	01:35:55	01:36:25	01:36:55	Peak...c/s=140	Qual=01	Tot Cts=1028	Maxkey=71	Step=5"	Pitch=+592" , Yaw=-733"
UVSP	01:34			Wavelength=1375A			Rast=130"x130"		
Event # = 9072									
88/06/27, 02:51		DOY=179	Peak						
Optical	End times			Ha...Class=SN	S20W89	AR5047	Mac.=EKC	Carr. Lon.=157deg	H. Ang=90deg
GOES	02:48	02:51	03:00	Importance=C8	Qual=01	Tot Cts=16406	Maxkey=130	Flags=M5	
HXRBS	02:47:40	02:48:48	02:51:55	Peak...c/s=519	Qual=01		FePeak.c/s=84	#Peaks=1	dt= 3.8s XEN=817900
BCS	02:48	02:51	03:34	CaPeak.c/s=426	Qual= 1		Rast=25"x25"	Step=5"	Cad=25.6s 1.024s/pixel
FCS									
UVSP									

Event # = 9073									
88/06/27, 03:09	Start	DOY=179	Peak	End times					
Optical									
GOES	03:00	03:09	03:56		Ha...Class=SN	S20E66	AR5060	Mac.=FKC	Carr. Lon.=2deg H.Ang=68deg
HXRBS	03:01:35	03:02:58	03:11:13		Importance=M1	Qual=03			
UVSP	02:55				Peak...c/s=483	Qual=01	Tot Cts=52327	MaxkeV=100	
Radio					Wavelength=1375A	Code=00	Exp #=69518	Rast=110"x200"	Pitch=+592", Yaw=-784"
Sweeps					III/1				
Frequency (MHz)/Flux(sfu):	8800/44	15400/38							
----- Associated -----									
HXRBS	03:24:52	03:25:25	03:25:26		Peak...c/s=63	Qual=01	Event # = 9074	MaxkeV=71	
UVSP	03:14				Wavelength=1375A		Tot Cts=313	Rast=110"x200"	Pitch=+592", Yaw=-784"
-----									
Event # = 21736									
88/06/27, 04:15	Start	DOY=179	Peak	End times					
GOES	04:11	04:15	04:21		Importance=C2	Qual=01			
BGS	04:06	04:15	04:30		CaPeak.c/s=34	Qual=1	FePeak=04:14	FePeak.c/s=8	#Peaks=2 dt= 7.7s XEN=817901
FCS								Rast=0"x0"	Cad=1.02s 1.024s/pixel
UVSP	04:09				Wavelength=1375A	Code=00	Exp #=69524	Rast=110"x200"	Pitch=+597", Yaw=-784"
-----									
Event # = 21737									
88/06/27, 04:41	Start	DOY=179	Peak	End times					
GOES	04:35	04:41	04:51		Importance=C3	Qual=01			
BGS	04:35	04:41	04:51		CaPeak.c/s=53	Qual=1	FePeak=04:42	FePeak.c/s=17	#Peaks=1 dt= 3.8s XEN=817902
FCS								Rast=0"x0"	Cad=4.10s 4.096s/pixel
UVSP	04:28				Wavelength=1375A	Code=00	Exp #=69526	Rast=110"x200"	Pitch=+577", Yaw=-784"
-----									
Event # = 21738									
88/06/27, 04:57	Start	DOY=179	Peak	End times					
GOES	04:51	04:57	05:02		Importance=C2	Qual=01			
BGS	04:56	04:57	05:02		CaPeak.c/s=23	Qual=4	FePeak=04:56	FePeak.c/s=8	#Peaks=1 dt= 7.7s XEN=817903
FCS								Rast=0"x0"	Cad=4.10s 4.096s/pixel
UVSP	04:47				Wavelength=1375A	Code=00	Exp #=69528	Rast=110"x200"	Pitch=+602", Yaw=-784"
-----									
Event # = 9076									
88/06/27, 06:06	Start	DOY=179	Peak	End times	SMM Pointing:	S19E62		Pitch=+42", Yaw=-854", Roll=-20deg	H.Ang=65deg
Optical									
GOES	05:49	06:06	07:00		Ha...Class=SF	N13E67	AR5062	Mac.=BX0	Carr. Lon.=359deg H.Ang=67deg
HXRBS	05:55:54	05:59:54	06:02:59		Importance=M1	Qual=01			
UVSP	06:03				Peak...c/s=92	Qual=01	Tot Cts=6829	MaxkeV=71	
Radio					Wavelength=1375A	Code=00	Exp #=69534	Rast=110"x200"	Pitch=+39", Yaw=+835"
Sweeps					III/1				
----- Associated -----									
HXRBS	05:51:27	05:51:37	05:52:20		Peak...c/s=70	Qual=01	Event # = 9075	MaxkeV=71	Flags=M5
UVSP	05:43				Wavelength=1375A		Tot Cts=720	Rast=110"x200"	Pitch=+33", Yaw=+836"
							Exp #=69532		

Event # = 21739									
88/06/27	08:40	DOY=179	Peak	End times					
Optical									
GOES	08:30	08:40	08:49		Ha...Class=SF	N13F66	AR5062	Mac.=BX0	Carr.Lon.=359deg H.Ang=66deg
BCS	08:48	08:52	08:58		Importance=C2	Qual=05		FePeak.c/s=15	#Peaks=1 dt= 7.7s XEN=817904
FCS					CaPeak.c/s=30	Qual= 1		Rast=0"x0"	Step=0" Cad=1.02s 1.024s/pixel
UVSP	08:41				Wavelength=2788A	Code=02	Exp #=69540	Rast=180"x1"	Step=0" Pitch=-72" ,Yaw=+770"
Event # = 9077									
88/06/27	09:45	DOY=179	Peak	End times					
Optical					SMM Pointing:	S19E61		Pitch=+47" ,Yaw=+844" ,Roll=-20deg	H.Ang=63deg
GOES	09:39	09:45	10:00		Ha...Class=SF	N16E67	AR5062	Mac.=BX0	Carr.Lon.=357deg H.Ang=67deg
HXRBS	09:41:06	09:42:17	09:44:47		Importance=C7	Qual=03		MaxkeV=71	
UVSP	09:43				Peak...c/s=123	Qual=01	Tot Cts=5526	Rast=180"x1"	Step=0" Pitch=-70" ,Yaw=+766"
					Wavelength=2788A	Code=00	Exp #=69541		
Event # = 21740									
88/06/27	11:55	DOY=179	Peak	End times					
Optical					Ha...Class=SF	S20E59	AR5060	Mac.=FKC	Carr.Lon.=4deg H.Ang=62deg
GOES	11:49	11:55	12:12		Importance=C3	Qual=05		FePeak.c/s=20	#Peaks=1 dt= 3.8s XEN=817905
BCS	11:55	11:56	12:06		CaPeak.c/s=107	Qual= 1		Rast=0"x0"	Step=0" Cad=.26s 0.256s/pixel
FCS					Wavelength=2788A	Code=00	Exp #=69544	Rast=180"x1"	Step=0" Pitch=-66" ,Yaw=+758"
UVSP	11:49								
Event # = 9080									
88/06/27	13:45	DOY=179	Peak	End times					
Optical					SMM Pointing:	S19E58		Pitch=+57" ,Yaw=+824" ,Roll=-20deg	H.Ang=61deg
GOES	13:40	13:45	13:53		Importance=C1	Qual=03		MaxkeV=130	
HXRBS	13:40:06	13:40:21	13:40:36		Peak...c/s=124	Qual=01	Tot Cts=634	Rast=180"x1"	Step=0" Pitch=-121" ,Yaw=-70"
UVSP	13:22				Wavelength=2788A		Exp #=69546		
Event # = 21741									
88/06/27	15:03	DOY=179	Peak	End times					
Optical					Ha...Class=1N	N13E61	AR5062	Mac.=BX0	Carr.Lon.=0deg H.Ang=61deg
Optical					Ha...Class=SF	S20E57	AR5060	Carr.Lon.=4deg	H.Ang=60deg
Optical					Ha...Class=SF	S29W33	AR5056	Carr.Lon.=94deg	H.Ang=45deg
GOES	14:58	15:03	15:36		Importance=C4	Qual=05		FePeak.c/s=8	#Peaks=1 dt= 7.7s XEN=817906
BCS	15:04	15:04	15:15		CaPeak.c/s=29	Qual= 5		Rast=0"x0"	Step=0" Cad=1.02s 1.024s/pixel
UVSP	14:56				Wavelength=2788A	Code=00	Exp #=69548	Rast=180"x1"	Step=0" Pitch=-60" ,Yaw=+746"
Event # = 9353									
88/06/27	15:56	DOY=179	Peak	End times					
Optical					SMM Pointing:	S19E57		Pitch=+61" ,Yaw=+814" ,Roll=-20deg	H.Ang=60deg
GOES	15:54	15:56	16:12		Importance=C2	Qual=05		MaxkeV=71	Flags=I, SA
HXRBS	15:58:55	16:00:41	16:01:05		Peak...c/s=69	Qual=02	Tot Cts=1380	Rast=200"x200"	Step=5" Pitch=+70" ,Yaw=+824"
UVSP	15:54				Wavelength=1375A	Code=00	Exp #=69554		



Event # = 21742									
88/06/27, 16:42	DOY=179	Peak	End times						
Optical	16:35	16:42	16:46	Ha...Class=SF	N13E62	AR5062	Mac. =BX0	Carr. Lon. =358deg	H. Ang=62deg
GOES	16:39	16:39	16:41	Importance=C1	Qual=04	FePeak=16:39	FePeak.c/s=7	#Peaks=1	dt= 7.7s XEN=817907
BCS				CaPeak.c/s=18	Qual= 5		Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
FCS				Wavelength=1375A	Code=00	Exp #=69557	Rast=10"x10"	Step=0"	Pitch=+41", Yaw=+796"
UVSP	16:40								
Event # = 21743									
88/06/27, 17:39	DOY=179	Peak	End times						
GOES	17:37	17:39	17:40	CaPeak.c/s=19	Qual=00	FePeak=17:38	FePeak.c/s=6	#Peaks=1	dt= 7.7s XEN=817908
BCS					Qual= 5		Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
FCS				Wavelength=1375A		Exp #=69560	Rast=200"x200"	Step=5"	Pitch=+74", Yaw=+814"
UVSP	18:13								
Event # = 9081									
88/06/27, 18:22	DOY=179	Peak	End times	SMM Pointing:	S19E55		Pitch=+68", Yaw=+801", Roll=-20deg		H. Ang=58deg
GOES	18:19	18:22	18:42	Importance=C3					
HXRBS	18:18:58	18:19:40	18:19:59	Peak...c/s=83	Qual=01	Tot Cts=1531	MaxkeV=71		
BCS	18:12	18:22	18:40	CaPeak.c/s=117	Qual= 1	FePeak=18:20	FePeak.c/s=22	#Peaks=1	dt= 3.8s XEN=817909
FCS				Wavelength=1375A	Code=00	Exp #=69561	Rast=60"x60"	Step=10"	Cad=36.9s 1.024s/pixel
UVSP	18:15						Rast=10"x10"	Step=0"	Pitch=+59", Yaw=+789"
Event # = 9354									
88/06/27, 19:57	DOY=179	Peak	End times	SMM Pointing:	S22E55		Pitch=+102", Yaw=+801", Roll=-20deg		H. Ang=59deg
Optical	19:50	19:57	20:23	Ha...Class=SN	N14E60	AR5062	Mac. =BX0	Carr. Lon. =358deg	H. Ang=60deg
GOES	19:51:13	19:52:39	19:55:16	Importance=C9	Qual=01	Tot Cts=3860	MaxkeV=71	Flags=I	
HXRBS	19:48			Peak...c/s=115	Qual=01	Exp #=69567	Rast=10"x10"	Step=0"	Pitch=+69", Yaw=+794"
UVSP				Wavelength=1375A	Code=00	Event # = 9355			
				Associated					
HXRBS	20:09:58	20:10:23	20:10:39	Peak...c/s=63	Qual=01	Tot Cts=235	MaxkeV=71	Flags=I	
BCS	20:10	20:11	20:13	CaPeak.c/s=24	Qual= 4	FePeak=20:10	FePeak.c/s=7	#Peaks=1	dt= 7.7s XEN=817910
FCS				Wavelength=1375A		Exp #=69569	Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
UVSP	20:05						Rast=10"x10"	Step=0"	Pitch=+65", Yaw=+778"
Event # = 21744									
88/06/27, 21:20	DOY=179	Peak	End times						
GOES	21:20	21:20	21:26	CaPeak.c/s=36	Qual=00	FePeak=21:20	FePeak.c/s=7	#Peaks=1	dt= 7.7s XEN=817911
BCS					Qual= 5		Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
FCS				Wavelength=1375A		Exp #=69572	Rast=200"x200"	Step=5"	Pitch=+112", Yaw=+802"
UVSP	21:21								
Event # = 9082									
88/06/27, 21:34	DOY=179	Peak	End times	SMM Pointing:	S21E53		Pitch=+105", Yaw=+790", Roll=-20deg		H. Ang=57deg
GOES	21:34:43	21:34:46	21:35:32	Peak...c/s=65	Qual=00	Tot Cts=214	MaxkeV=71		
HXRBS	21:22			Wavelength=1375A	Qual=01	Exp #=69573	Rast=10"x10"	Step=0"	Pitch=+127", Yaw=+722"
UVSP									

Event # = 21745	DOY=179	Start	End times	Importance=C2	Qual=05	FePeak=22:55	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=817912
88/06/27 22:53	Peak	22:58		CaPeak.c/s=22	Qual= 5		Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
GOES 22:51		22:55		Wavelength=1375A	Code=02	Exp #=69579	Rast=200"x200"	Step=5"	Pitch=+115"	Yaw=+795"
BCS 22:55										
FCS 22:54										
UVSP 22:54										
Event # = 9083	DOY=179	Start	End times	SMM Pointing:	S21E53		Pitch=+105"	Yaw=+790"	Roll=-20deg	H.Ang=57deg
88/06/27 23:04	Peak	23:06		Ha...Class=SN	S20E49	AR5060	Mac.=FKC	Carr.Lon.=8deg		H.Ang=53deg
Optical				Importance=C7	Qual=01					
GOES 23:00		23:04		Peak...c/s=411	Qual=01	Tot Cts=12301	MaxkeV=161	Flags=M5, FS		
HXRBS 23:01:37		23:02:00	23:04:54	CaPeak.c/s=317	Qual= 1	FePeak=23:04	FePeak.c/s=85	#Peaks=1	dt= 3.8s	XEN=817913
BCS 23:02		23:04	23:06				Rast=240"x240"	Step=15"	Cad= 131s	0.512s/pixel
FCS 23:02							Rast=10"x10"	Step=0"	Pitch=+70"	Yaw=+755"
UVSP 22:57				Wavelength=1375A	Code=00	Exp #=69580				
Radio 22:57				Frequency(MHz)/Flux(sfu):	245/130 410/270 1415/56 8800/33					
Event # = 9084	DOY=179	Start	End times	SMM Pointing:	S21E52		Pitch=+109"	Yaw=+779"	Roll=-20deg	H.Ang=56deg
88/06/27 23:45	Peak	23:55		Importance=C3	Qual=01		MaxkeV=71			
GOES 23:39		23:45		Peak...c/s=72	Qual=01	Tot Cts=744	Rast=10"x10"	Step=0"	Pitch=+52"	Yaw=+766"
HXRBS 23:39:15		23:39:46	23:40:22	Wavelength=1375A	Code=00	Exp #=69586				
UVSP 23:43										
Event # = 9085	DOY=180	Start	End times	SMM Pointing:	S21E52		Pitch=+109"	Yaw=+779"	Roll=-20deg	H.Ang=56deg
88/06/28 00:03	Peak	01:00		Ha...Class=SF	N14E60	AR5062	Mac.=DA0	Carr.Lon.=356deg		H.Ang=60deg
Optical				Ha...Class=SF	S23E52	AR5060		Carr.Lon.=4deg		H.Ang=57deg
GOES 23:55		00:03	01:00	Importance=C3	Qual=01		MaxkeV=71			
HXRBS 23:55:49		23:56:11	23:56:33	Peak...c/s=92	Qual=01	Tot Cts=978	Rast=10"x10"	Step=0"	Pitch=+52"	Yaw=+766"
UVSP 23:43				Wavelength=1375A	Code=01	Exp #=69586				
Radio 23:43				Frequency(MHz)/Flux(sfu):	606/390					
Event # = 9086	DOY=180	Start	End times	SMM Pointing:	S21E52		Pitch=+109"	Yaw=+779"	Roll=-20deg	H.Ang=56deg
88/06/28 01:23	Peak	01:27		Ha...Class=SF	S23E58	AR5060	Mac.=FKC	Carr.Lon.=357deg		H.Ang=62deg
Optical				Importance=C2	Qual=01		MaxkeV=71			
GOES 01:19		01:23	01:27	Peak...c/s=70	Qual=01	Tot Cts=433	FePeak.c/s=11	#Peaks=1	dt= 3.8s	XEN=818000
HXRBS 01:19:33		01:19:57	01:20:19	CaPeak.c/s=64	Qual= 1	FePeak=01:21	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
BCS 01:13		01:21	01:30				Rast=10"x10"	Step=0"	Pitch=+55"	Yaw=+759"
FCS 01:13										
UVSP 01:18				Wavelength=1375A	Code=00	Exp #=69594				
Event # = 9087	DOY=180	Start	End times	SMM Pointing:	S21E51		Pitch=+114"	Yaw=+768"	Roll=-20deg	H.Ang=55deg
88/06/28 02:09	Peak	02:16		Importance=C4	Qual=01		MaxkeV=71	Flags=M5		
Optical				Peak...c/s=2793	Qual=01	Tot Cts=87	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=818001
GOES 02:03		02:09	02:16	CaPeak.c/s=47	Qual= 5	FePeak=02:03	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
HXRBS 02:02:56		02:04:43	02:06:30				Rast=10"x10"	Step=0"	Pitch=+77"	Yaw=+745"
BCS 02:03		02:03	02:24							
FCS 02:03										
UVSP 02:05				Wavelength=1375A	Code=00	Exp #=69596				

Event # = 21746									
88/06/28	02:36	DOY=180	Start	End times					
GOES	02:35	02:36		02:42	CaPeak.c/s=21	Qual=00			
BCS					WaveLength=1375A		FePeak=02:36		
FCS							Exp #=69600		
UVSP	02:36								
Event # = 9088									
88/06/28	03:40	DOY=180	Start	End times	SMM Pointing:	S21E51	Pitch=+114",Yaw=+768",Roll=-20deg	H.Ang=55deg	
Optical					Ha...Class=SF	S23E50	Mac.=FKC	Carr.Lon.=4deg	H.Ang=55deg
GOES					Peak...c/s=75	Qual=00	MaxkeV=71		
HXRBS	03:38:06	03:38:20	03:38:38		CaPeak.c/s=26	Qual=01	FePeak.c/s=8	#Peaks=1	dt= 7.7s
BCS	03:38	03:40	03:47		WaveLength=1375A		Rast=10"x10"	Step=0"	Cad=1.02s
FCS								Step=0"	Pitch=+145",Yaw=+692"
UVSP	03:40						Exp #=69604		
Event # = 9089									
88/06/28	03:56	DOY=180	Start	End times	SMM Pointing:	S21E51	Pitch=+114",Yaw=+768",Roll=-20deg	H.Ang=55deg	
Optical					Ha...Class=SF	S23E50	Mac.=FKC	Carr.Lon.=4deg	H.Ang=55deg
GOES	03:46	03:56	04:08		Importance=C5	Qual=01	MaxkeV=71		
HXRBS	03:47:36	03:49:11	03:52:44		Peak...c/s=85	Qual=01	Rast=10"x10"	Step=0"	Pitch=+145",Yaw=+691"
UVSP	03:54				WaveLength=1375A	Code=00	Exp #=69606		
Event # = 9090									
88/06/28	04:11	DOY=180	Start	End times	SMM Pointing:	S21E50	Pitch=+119",Yaw=+758",Roll=-20deg	H.Ang=54deg	
Optical					Ha...Class=SF	S21E51	Mac.=FKC	Carr.Lon.=3deg	H.Ang=55deg
GOES					Peak...c/s=68	Qual=00	MaxkeV=71		
HXRBS	04:11:20	04:11:34	04:12:20		WaveLength=1375A	Qual=01	Rast=10"x10"	Step=0"	Pitch=+151",Yaw=+685"
UVSP	04:09						Exp #=69608		
Event # = 9091									
88/06/28	04:26	DOY=180	Start	End times	SMM Pointing:	S21E50	Pitch=+119",Yaw=+758",Roll=-20deg	H.Ang=54deg	
Optical					Ha...Class=SF	N13E55	Mac.=DAO	Carr.Lon.=359deg	H.Ang=55deg
GOES					Peak...c/s=71	Qual=00	MaxkeV=71		
HXRBS	04:23:02	04:23:23	04:25:42		CaPeak.c/s=129	Qual=01	FePeak.c/s=22	#Peaks=2	dt= 7.7s
BCS	03:52	04:26	04:39		WaveLength=1375A		Rast=10"x10"	Step=0"	Cad=4.10s
FCS								Step=0"	Pitch=+107",Yaw=+773"
UVSP	04:26						Exp #=69610		
Event # = 21747									
88/06/28	04:53	DOY=180	Start	End times	Ha...Class=SF	S23E50	Mac.=FKC	Carr.Lon.=3deg	H.Ang=55deg
Optical					Importance=M1	Qual=05	FePeak.c/s=16	#Peaks=1	dt= 3.8s
GOES	04:41	04:53	05:28		CaPeak.c/s=317	Qual= 5	Rast=10"x10"	Step=0"	Cad=4.10s
BCS	05:10	05:12	06:13		WaveLength=1375A		Rast=200"x200"	Step=5"	Pitch=+128",Yaw=+765"
FCS					III/I		Exp #=69611		
UVSP	05:11								
Radio Sweeps					Type/Intensity:				
Radio					Frequency (MHz)/Flux(sfu):	1415/360	4995/130	8800/370	15400/260



Event # = 21748									
88/06/28, 09:19	DOY=180	Start	End times						
Optical				Ha...Class=SF	N13E51				
GOES					Qual=00				
BCS	09:05	09:19	09:22	CaPeak.c/s=45	Qual= 4	FePeak=09:16	Mac.=DAO	Carr.Lon.=0deg	H.Ang=51deg
UVSP	09:15			Wavelength=2788A		Exp #=69628			
Event # = 9099									
88/06/28, 10:00	DOY=180	Start	End times	SMM Pointing:	S21E46				
Optical									
GOES	09:55	10:00	10:20	Ha...Class=SF	N12E53				
HXRBS	09:54:42	09:56:16	10:03:06	Importance=M3	Qual=03				
BCS	09:53	10:00	10:56	Peak...c/s=2482	Qual=11	Tot Cts=1.47E+5	Mac.=DAI	Carr.Lon.=358deg	H.Ang=53deg
FCS				CaPeak.c/s=1508	Qual= 1	FePeak=10:00			
UVSP	09:47			Wavelength=2788A		Exp #=69629			
Radio				Type/Intensity:	Code=01				
Radio				Frequency(MHz)/Flux(sfu):	11/1 V/1				
					245/2900 410/190				
Event # = 9100									
88/06/28, 10:36	DOY=180	Start	End times	SMM Pointing:	S21E46				
GOES	10:30	10:36	10:41	Importance=C9	Qual=01				
HXRBS	10:32:23	10:33:36	10:37:49	Peak...c/s=128	Qual=01	Tot Cts=7389			
UVSP	10:48			Wavelength=2788A		Exp #=69630			
Event # = 9101									
88/06/28, 10:45	DOY=180	Start	End times	SMM Pointing:	S21E46				
Optical									
GOES				Ha...Class=SF	S23E47				
HXRBS	10:44:22	10:45:40	10:49:58	Peak...c/s=185	Qual=01				
UVSP	10:48			Wavelength=2788A		Tot Cts=5637			
Radio				Frequency(MHz)/Flux(sfu):	8800/77	Exp #=69630			
Event # = 9102									
88/06/28, 11:26	DOY=180	Start	End times	SMM Pointing:	S21E46				
Optical									
GOES				Ha...Class=SF	N14E50				
HXRBS	11:22	11:26	12:23	Ha...Class=SN	S21E48				
BCS	11:25:41	11:26:06	11:34:04	Importance=M5	Qual=04				
FCS	11:26	11:27	12:19	Peak...c/s=456	Qual=01	Tot Cts=30906			
UVSP				CaPeak.c/s=2493	Qual= 5	FePeak=11:27			
Radio				Wavelength=2788A		Exp #=69631			
Radio				Frequency(MHz)/Flux(sfu):	8800/110 15400/120				

Event # = 21749									
88/06/28, 12:19	Start	DOY=180	Peak	End times	Ha...Class=SF	S16E48 Qual=00	AR5060	Mac.=FKC	H. Ang=51deg
Optical									
GOES	12:19	12:19	12:30	12:30	CaPeak.c/s=115	Qual= 5	FePeak=12:19	FePeak.c/s=8 Rast=0"x0" Rast=180"x1"	#Peaks=1 dt= 7.7s XEN=818011 Step=0" Cad=1.02s 1.024s/pixel Step=0" Pitch=+16", Yaw=+644"
BCS									
FCS									
UVSP	12:22				Wavelength=2788A		Exp #=69632		
Event # = 9103									
88/06/28, 12:27	Start	DOY=180	Peak	End times	SMM Pointing:	S21E45		Pitch=+136", Yaw=+717", Roll=-20deg	H. Ang=51deg
GOES						Qual=00			
HXRBS	12:27:16	12:27:27	12:27:38	12:27:38	Peak...c/s=54	Qual=01	Tot Cts=162	MaxkeV=71	
UVSP	12:22				Wavelength=2788A		Exp #=69632	Rast=180"x1"	Step=0" Pitch=+16", Yaw=+644"
Event # = 9104									
88/06/28, 14:00	Start	DOY=180	Peak	End times	SMM Pointing:	S21E44		Pitch=+140", Yaw=+707", Roll=-20deg	H. Ang=50deg
GOES	13:55	14:00	14:07	14:07	Importance=C5	Qual=03			
HXRBS	13:53:33	13:55:23	13:58:05	13:58:05	Peak...c/s=873	Qual=01	Tot Cts=37690	MaxkeV=161	Flags=M5
UVSP	13:57				Wavelength=2788A	Code=00	Exp #=69634	Rast=180"x1"	Step=0" Pitch=+20", Yaw=+636"
Radio	Frequency(MHz)/Flux(sfu): 8800/190 15400/110								
Event # = 9106									
88/06/28, 17:06	Start	DOY=180	Peak	End times	SMM Pointing:	S21E43		Pitch=+145", Yaw=+697", Roll=-20deg	H. Ang=49deg
Optical									
GOES	16:52	17:06	17:12	17:12	Ha...Class=1F	S24E43	AR5060	Mac.=FKC	Carr. Lon.=4deg H. Ang=50deg
HXRBS	17:05:00	17:05:01	17:08:16	17:08:16	Importance=C9	Qual=04		MaxkeV=130	
UVSP	17:06				Peak...c/s=123	Qual=01	Tot Cts=3788	Rast=180"x1"	Step=0" Pitch=+28", Yaw=+618"
Radio	Frequency(MHz)/Flux(sfu): 245/100 4995/58 8800/94 15400/69								
Event # = 9107									
88/06/28, 18:43	Start	DOY=180	Peak	End times	SMM Pointing:	S19E42		Pitch=+119", Yaw=+681", Roll=-20deg	H. Ang=47deg
GOES						Qual=00			
HXRBS	18:42:52	18:43:00	18:43:38	18:43:38	Peak...c/s=167	Qual=01	Tot Cts=808	MaxkeV=100	
UVSP	18:41				Wavelength=2788A		Exp #=69640	Rast=180"x1"	Step=0" Pitch=+1", Yaw=+605"
Event # = 9105									
88/06/28, 19:18	Start	DOY=180	Peak	End times	SMM Pointing:	S19E42		Pitch=+119", Yaw=+681", Roll=-20deg	H. Ang=47deg
Optical									
GOES					Ha...Class=SF	S20E46	AR5060	Mac.=FKC	Carr. Lon.=360deg H. Ang=50deg
HXRBS	19:18:45	19:18:56	19:19:11	19:19:11	Peak...c/s=78	Qual=01	Tot Cts=319	MaxkeV=71	
UVSP	19:09				Wavelength=2788A		Exp #=69641	Rast=180"x1"	Step=0" Pitch=+2", Yaw=+602"
Radio	Sweeps Type/Intensity: III/I								
Event # = 9108									
88/06/28, 19:23	Start	DOY=180	Peak	End times	SMM Pointing:	S19E41		Pitch=+124", Yaw=+670", Roll=-20deg	H. Ang=46deg
Optical									
GOES					Ha...Class=SF	S20E46	AR5060	Mac.=FKC	Carr. Lon.=360deg H. Ang=50deg
HXRBS	19:23:08	19:23:18	19:24:00	19:24:00	Peak...c/s=486	Qual=01	Tot Cts=2721	MaxkeV=161	Flags=M5
UVSP	19:09				Wavelength=2788A		Exp #=69641	Rast=180"x1"	Step=0" Pitch=+2", Yaw=+602"

Event # = 9109 88/06/28,19:32 Start	DOY=180 Peak	SMM Pointing: End times	S19E41	Pitch=+124", Yaw=+670", Roll=-20deg	H.Ang=46deg
Optical					
GOES			S20E46 Qual=00	Mac.=FKC	H.Ang=50deg
HXRBS	19:32:01 19:32:18 19:32:45	Ha....Class=SF	AR5060	Carr.Lon.=359deg	
UVSP	19:32:01 19:32:18 19:32:45 19:09	Peak...c/s=96 Wavelength=2788A	Tot Cts=774 Exp #=69641	MaxkeV=71 Rast=180"x1"	Pitch=+2", Yaw=+602"
Event # = 9110 88/06/28,19:50 Start	DOY=180 Peak	SMM Pointing: End times	S19E41	Pitch=+124", Yaw=+670", Roll=-20deg	H.Ang=46deg
GOES			Qual=00		
HXRBS	19:50:37 19:50:58 19:51:19	Peak...c/s=79	Qual=01	MaxkeV=71	
UVSP	20:15	Wavelength=2788A	Tot Cts=363 Exp #=69642	Rast=180"x1"	Pitch=+5", Yaw=+596"
Event # = 9111 88/06/28,20:02 Start	DOY=180 Peak	SMM Pointing: End times	S19E41	Pitch=+124", Yaw=+670", Roll=-20deg	H.Ang=46deg
Optical					
GOES	19:56 20:02 20:29	Ha....Class=SB	AR5060	Mac.=FKC	H.Ang=49deg
HXRBS	19:53:31 19:53:38 19:53:55	Importance=M2		Carr.Lon.=0deg	
UVSP	20:15	Peak...c/s=66 Wavelength=2788A	Tot Cts=119 Exp #=69642	MaxkeV=71 Rast=180"x1"	Pitch=+5", Yaw=+596"
Radio	Frequency(MHz)/Flux(sfu): 8800/81 15400/75				
Event # = 9112 88/06/28,21:37 Start	DOY=180 Peak	SMM Pointing: End times	S19E40	Pitch=+128", Yaw=+660", Roll=-20deg	H.Ang=45deg
Optical					
GOES	21:30 21:37 21:48	Ha....Class=SF	AR5062	Mac.=DAO	H.Ang=47deg
HXRBS	21:30:54 21:31:13 21:34:29	Importance=C6		Carr.Lon.=357deg	
UVSP	21:31	Peak...c/s=107 Wavelength=1375A	Tot Cts=3508 Exp #=69650	MaxkeV=71 Rast=10"x10"	Pitch=+108", Yaw=+659"
Event # = 9113 88/06/28,22:31 Start	DOY=180 Peak	SMM Pointing: End times	S19E40	Pitch=+128", Yaw=+660", Roll=-20deg	H.Ang=45deg
GOES	22:24 22:31 22:46	Importance=C8			
HXRBS	22:25:04 22:27:19 22:38:43	Peak...c/s=191	Qual=01	MaxkeV=100	
UVSP	22:30	Wavelength=1375A	Code=00	Rast=10"x10"	Pitch=+120", Yaw=+623"
Event # = 9114 88/06/28,23:09 Start	DOY=180 Peak	SMM Pointing: End times	S19E39	Pitch=+132", Yaw=+650", Roll=-20deg	H.Ang=45deg
Optical					
GOES	23:09:07 23:09:31 23:09:43	Ha....Class=SF	AR5062	Mac.=DAO	H.Ang=49deg
HXRBS	23:04	Peak...c/s=59	Qual=00	Carr.Lon.=355deg	
UVSP	23:04	Wavelength=1375A	Qual=01	MaxkeV=71	
Radio	Sweeps	III/3 V/2	Tot Cts=113 Exp #=69658	Rast=10"x10"	Pitch=+142", Yaw=+700"
Radio	Frequency(MHz)/Flux(sfu): 245/160				
Event # = 9115 88/06/28,23:21 Start	DOY=180 Peak	SMM Pointing: End times	S19E39	Pitch=+132", Yaw=+650", Roll=-20deg	H.Ang=45deg
GOES					
HXRBS	23:21:04 23:21:19 23:21:27	Peak...c/s=79	Qual=00	MaxkeV=71	
UVSP	23:20	Wavelength=1375A	Qual=01	Rast=10"x10"	Pitch=+147", Yaw=+698"

Event # = 9116									
88/06/28,23:22		DOY=180	SMM Pointing:		S19E39	Pitch=+132",Yaw=+650",Roll=-20deg		H.Ang=45deg	
Start		Peak	End times						
GOES					Qual=00				
HXRRS		23:21:59	23:22:40	23:22:53	Peak...c/s=86	MaxkeV=71			
UVSP		23:20			Wavelength=1375A	Rast=10"x10"		Step=0" Pitch=+147",Yaw=+698"	
					Tot Cts=388				
					Exp #=69660				
88/06/29 DOY=181									
Event # = 9137									
88/06/29,00:07		DOY=181	SMM Pointing:		S19E23	Pitch=+217",Yaw=+443",Roll=-20deg		H.Ang=31deg	
Start		Peak	End times						
Optical									
GOES		00:03	00:07	00:12	Ha....Class=SF	Mac.=EAI		H.Ang=34deg	
HXRRS		00:04:50	00:04:59	00:05:18	Importance=C2	Carr. Lon.=10deg			
UVSP		00:03			Peak...c/s=58				
					Wavelength=1375A	MaxkeV=100			
					Code=00	Rast=10"x10"		Step=0" Pitch=+139",Yaw=+694"	
					Exp #=69662				
88/06/29 DOY=181									
Event # = 9117									
88/06/29,00:33		DOY=181	SMM Pointing:		S19E38	Pitch=+136",Yaw=+640",Roll=-20deg		H.Ang=44deg	
Start		Peak	End times						
Optical									
GOES		00:29	00:33	00:41	Ha....Class=1N	Mac.=FKC		H.Ang=34deg	
HXRRS		00:28:45	00:29:22	00:30:35	Importance=C3	Carr. Lon.=17deg			
UVSP		00:21			Peak...c/s=377				
					Qual=01	MaxkeV=131			
					Code=00	Rast=10"x10"		Step=0" Pitch=+130",Yaw=+622"	
					Wavelength=1375A				
					Exp #=69664				
					Radio Frequency(MHz)/Flux(sfu): 245/340 410/150 2695/75 4995/67 8800/67				
88/06/29,00:51									
Event # = 9118									
88/06/29,00:51		DOY=181	SMM Pointing:		S19E38	Pitch=+136",Yaw=+640",Roll=-20deg		H.Ang=44deg	
Start		Peak	End times						
Optical									
GOES		00:44	00:51	01:33	Ha....Class=1B	Mac.=FKC		H.Ang=47deg	
HXRRS		00:45:46	00:48:22	00:59:49	Importance=M3	Carr. Lon.=1deg			
BCS		00:17	00:51	01:03	Peak...c/s=4252				
					CaPeak.c/s=2068				
					Qual=1	FePeak.c/s=630		dt= 3.8s XEN=818111	
					Exp #=69667	Rast=25"x25"		Step=5" Cad=25.6s	
					Wavelength=1375A	Rast=265"x265"		Step=5" Pitch=+144",Yaw=+651"	
					Code=00	Exp #=69667			
					Frequency(MHz)/Flux(sfu): 245/120 1415/61 2695/85 4995/81 8800/170 15400/170				
88/06/29,01:51									
Event # = 9119									
88/06/29,01:51		DOY=181	SMM Pointing:		S19E38	Pitch=+136",Yaw=+640",Roll=-20deg		H.Ang=44deg	
Start		Peak	End times						
Optical									
GOES		01:50:34	01:51:02	01:54:09	Ha....Class=SF	Mac.=FKC		H.Ang=39deg	
HXRRS		01:38	01:54:09		Peak...c/s=529	Carr. Lon.=10deg			
UVSP		01:38			Qual=01	Flags=M5			
					Wavelength=1375A	MaxkeV=161			
					Frequency(MHz)/Flux(sfu): 606/510 1415/130 2695/61 4995/66	Rast=10"x10"		Pitch=+218",Yaw=+614"	
88/06/29,02:14									
Event # = 9120									
88/06/29,02:14		DOY=181	SMM Pointing:		S19E38	Pitch=+140",Yaw=+630",Roll=-20deg		H.Ang=43deg	
Start		Peak	End times						
Optical									
GOES		02:14:21	02:14:58	02:16:49	Ha....Class=SF	Mac.=FKC		H.Ang=44deg	
HXRRS		02:14:21	02:14:58	02:16:49	Peak...c/s=1012	Carr. Lon.=7deg			
UVSP		02:11			Qual=01				
					Wavelength=1375A	MaxkeV=161			
					Exp #=69674	Rast=10"x10"		Step=0" Pitch=+209",Yaw=+520"	



Event # = 9121 88/06/29, 02:19 Start Optical GOES HXRB8 UVSP	DOY=181 Peak 02:18:49 02:19:46 02:11	SMM Pointing: Ha...Class=SF Peak...c/s=104 Wavelength=1375A	S19E38 S25E35 Qual=00 Qual=01 Tot Cts=1883 Exp #=69674	Pitch=+140", Yaw=+630", Roll=-20deg Mac.=FKC MaxkeV=100 Rast=10"x10" Step=0" Pitch=+209", Yaw=+520"	H.Ang=43deg H.Ang=44deg
Event # = 9122 88/06/29, 02:21 Start Optical GOES HXRB8 UVSP	DOY=181 Peak 02:21:48 02:21:54 02:11	SMM Pointing: Ha...Class=SF Ha...Class=SF Peak...c/s=87 Wavelength=1375A	S19E38 S25E35 N13E43 Qual=00 Qual=01 Tot Cts=344 Exp #=69674	Pitch=+140", Yaw=+630", Roll=-20deg Mac.=FKC MaxkeV=100 Rast=10"x10" Step=0" Pitch=+209", Yaw=+520"	H.Ang=43deg H.Ang=44deg H.Ang=44deg
Event # = 9123 88/06/29, 05:24 Start GOES HXRB8 UVSP	DOY=181 Peak 05:24:17 05:24:23 05:19	SMM Pointing: Peak...c/s=70 Wavelength=1375A	S19E36 Qual=00 Qual=01 Tot Cts=242 Exp #=69690	Pitch=+148", Yaw=+610", Roll=-20deg MaxkeV=71 Rast=10"x10" Step=0" Pitch=+152", Yaw=+586"	H.Ang=42deg
Event # = 9124 88/06/29, 05:30 Start GOES HXRB8 UVSP	DOY=181 Peak 05:30:13 05:30:31 05:19	SMM Pointing: Peak...c/s=56 Wavelength=1375A	S19E36 Qual=00 Qual=01 Tot Cts=250 Exp #=69690	Pitch=+148", Yaw=+610", Roll=-20deg MaxkeV=71 Rast=10"x10" Step=0" Pitch=+152", Yaw=+586"	H.Ang=42deg
Event # = 9125 88/06/29, 06:40 Start Optical GOES HXRB8 UVSP	DOY=181 Peak 06:36 06:40 06:36:19 06:37	SMM Pointing: Ha...Class=SF Importance=C3 Peak...c/s=188 Wavelength=1375A	S19E36 S18E34 Qual=01 Qual=01 Code=00 Tot Cts=4398 Exp #=69696	Pitch=+148", Yaw=+610", Roll=-20deg Mac.=FKC MaxkeV=100 Rast=10"x10" Step=0" Pitch=+221", Yaw=+498"	H.Ang=42deg H.Ang=39deg
Event # = 9126 88/06/29, 07:49 Start GOES HXRB8 UVSP	DOY=181 Peak 07:48:45 07:49:09 08:13	SMM Pointing: Peak...c/s=130 Wavelength=2788A	S19E35 Qual=00 Qual=01 Tot Cts=11295 Exp #=69701	Pitch=+152", Yaw=+600", Roll=-20deg MaxkeV=71 Rast=243"x243" Step=3" Pitch=+163", Yaw=+604"	H.Ang=41deg
Event # = 9127 88/06/29, 09:23 Start Optical GOES HXRB8 UVSP	DOY=181 Peak 09:22:53 09:23:39 09:24	SMM Pointing: Ha...Class=SF Peak...c/s=91 Wavelength=1375A	N02E32 S18E28 Qual=01 Tot Cts=554 Exp #=69702	Pitch=+494", Yaw=+0", Roll=90deg Mac.=FKC MaxkeV=71 Rast=265"x265" Step=5" Pitch=+502", Yaw=+336"	H.Ang=31deg H.Ang=35deg

Event # = 9128	DOY=181	SMM Pointing:	S20E34	Pitch=+493", Yaw=-355", Roll=90deg	H. Ang=40deg
88/06/29, 10:33	Peak	Ha...Class=SF	N13E38	Mac.=DAI	H. Ang=39deg
Optical		Ha...Class=SF	S23E30	Carr. Lon.=7deg	H. Ang=39deg
GOES	10:33	Importance=C6	Qual=02		
HXRBS	10:25:59	Peak...c/s=94	Qual=01	MaxkeV=100	
UVSP	10:30	Wavelength=1375A	Code=01	Rast=265"x265" Step=5" Pitch=+7", Yaw=+13"	
Event # = 9129	DOY=181	SMM Pointing:	S19E33	Pitch=+163", Yaw=+572", Roll=-20deg	H. Ang=39deg
88/06/29, 12:36	Peak	Peak...c/s=96	Qual=00		
GOES	12:35:22	Wavelength=1375A	Qual=01	MaxkeV=71	
HXRBS	12:34			Rast=265"x265" Step=5" Pitch=+174", Yaw=+576"	
UVSP	12:34				
Event # = 9130	DOY=181	SMM Pointing:	S19E32	Pitch=+168", Yaw=+561", Roll=-20deg	H. Ang=38deg
88/06/29, 13:32	Peak	Ha...Class=SF	N15E37	Mac.=DAI	H. Ang=38deg
Optical		Importance=C4	Qual=01	Carr. Lon.=358deg	
GOES	13:24	Peak...c/s=113	Qual=01	MaxkeV=71	
HXRBS	13:24:55	Wavelength=1375A	Code=00	Rast=265"x265" Step=5" Pitch=+177", Yaw=+570"	
UVSP	13:30				
Event # = 21750	DOY=181	Importance=C2	Qual=01	FePeak.c/s=8	dt= 7.7s XEN=818101
88/06/29, 14:12	Peak	CaPeak.c/s=20	Qual= 5	Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel	
GOES	14:09	Wavelength=2788A	Code=01	Pitch=0" Step=0" Yaw=+484"	
BCS	14:11				
FCS	13:59				
UVSP	13:59				
Event # = 9131	DOY=181	SMM Pointing:	S19E31	Pitch=+173", Yaw=+552", Roll=-20deg	H. Ang=38deg
88/06/29, 14:23	Peak	Importance=C2	Qual=03		
GOES	14:19	Peak...c/s=94	Qual=01	MaxkeV=71	
HXRBS	14:19:21	CaPeak.c/s=51	Qual= 7	FePeak.c/s=13	dt= 3.8s XEN=818100
BCS	14:17	Wavelength=2788A		Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel	
FCS	13:59	V/3		Pitch=0" Step=0" Yaw=+484"	
UVSP	13:59				
Radio Sweeps					
Event # = 21751	DOY=181	Importance=C2	Qual=05	FePeak.c/s=10	dt= 3.8s XEN=818102
88/06/29, 15:37	Peak	CaPeak.c/s=69	Qual= 5	Rast=25"x25" Step=5" Cad=25.6s 1.024s/pixel	
GOES	15:30	Wavelength=2788A	Code=00	Pitch=0" Step=0" Yaw=+473"	
BCS	15:40				
FCS	15:34				
UVSP	15:34				

Event # = 21752									
88/06/29	17:40	DOY=181	Peak	End times					
GOES	17:39	17:40	18:11	18:11	Qual=00	FePeak=17:40	FePeak.c/s=8	#Peaks=1	dt= 7.7s XEN=818103
BGS					Qual= 4		Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
FCS							Rast=180"x1"	Step=0"	Pitch=+79", Yaw=+412"
UVSP	18:11				WaveLength=2788A	Exp #=69726			
Event # = 9356									
88/06/29	18:28	DOY=181	Peak	End times	S19E26		Pitch=+198", Yaw=+488", Roll=-20deg	H. Ang=34deg	
Optical									
GOES	18:14	18:28	18:50	18:50	Ha...Class=SF	AR5060	Carr. Lon.=7deg	H. Ang=32deg	
HXRBS	18:13:51	18:14:03	18:14:28	18:14:28	Importance=C6				
BGS	18:16	18:16	18:18	18:18	Peak...c/s=85	Tot Cts=516	MaxkeV=71	Flags=1	dt= 7.7s XEN=818104
FCS					CaPeak.c/s=21	FePeak=18:17	FePeak.c/s=7	#Peaks=1	Cad=1.02s 1.024s/pixel
UVSP	18:41				WaveLength=2788A	Exp #=69727	Rast=180"x1"	Step=0"	Pitch=+80", Yaw=+409"
Radio Sweeps					Type/Intensity: III/I				
Event # = 21753									
88/06/29	19:47	DOY=181	Peak	End times					
GOES	19:43	19:47	19:51	19:51	Importance=C2	Qual=05	FePeak=19:48	#Peaks=1	dt= 3.8s XEN=818105
BGS	19:12	19:48	19:51	19:51	CaPeak.c/s=49	Qual= 7	Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
FCS							Rast=180"x1"	Step=0"	Pitch=+84", Yaw=+401"
UVSP	19:46				WaveLength=2788A	Code=00			
Event # = 9132									
88/06/29	20:19	DOY=181	Peak	End times	S19E24		Pitch=+206", Yaw=+466", Roll=-20deg	H. Ang=33deg	
Optical									
Optical					Ha...Class=18	AR5060	Mac.=FKC	Carr. Lon.=5deg	H. Ang=34deg
GOES	20:13	20:19	21:16	21:16	Ha...Class=SF	AR5062		Carr. Lon.=358deg	H. Ang=35deg
HXRBS	20:21:26	20:22:36	20:32:00	20:32:00	Importance=M4		MaxkeV=131	Flags=M5, I, SN	XEN=818106
BGS	20:22	20:23	21:23	21:23	Peak...c/s=569	Tot Cts=73500	FePeak.c/s=858	#Peaks=1	dt= 3.8s
FCS					CaPeak.c/s=2813	FePeak=20:23	Rast=0"x0"	Step=0"	Cad=4.10s 4.096s/pixel
UVSP	20:16					Exp #=69729	Rast=180"x1"	Step=0"	Pitch=+85", Yaw=+397"
Radio	Frequency (MHz)/Flux(sfu):				WaveLength=2788A	Code=00			
HXRBS	20:34:50	20:35:52	20:41:58	20:41:58	1415/76 2695/170 4995/1100 8800/2300		MaxkeV=100		
HXRBS	20:55:22	20:55:43	20:57:31	20:57:31	Associated Event # = 9133				
UVSP	21:21				Qual=01	Tot Cts=29300	MaxkeV=100		
					Associated Event # = 9134		Rast=180"x1"	Step=0"	Pitch=+88", Yaw=+390"
					Qual=01	Tot Cts=3027			
					WaveLength=2788A	Exp #=69730			
Event # = 21754									
88/06/29	21:23	DOY=181	Peak	End times					
GOES	21:23	21:23	21:26	21:26	Qual=00	FePeak=21:23	FePeak.c/s=7	#Peaks=1	dt= 7.7s XEN=818107
BGS					Qual= 5		Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
FCS							Rast=180"x1"	Step=0"	Pitch=+88", Yaw=+390"
UVSP	21:21				WaveLength=2788A	Exp #=69730			



Event # = 21756									
88/06/30,02:06	DOY=182	Peak	End times						
Optical									
GOES 01:57	02:06	02:49		Ha...Class=SF	N13E29	AR5062	Mac.=EAI	Carr.Lon.=360deg	H.Ang=30deg
BGS 02:02	02:03	02:08		Importance=C3	Qual=03		FePeak.c/s=8	#Peaks=1	dt= 7.7s
FCS				CaPeak.c/s=21	Qual= 4		Rast=0"x0"	Step=0"	XEN=818202
UVSP 01:59				Wavelength=1375A	Code=00	Exp #=69756	Rast=10"x10"	Step=0"	Cad=1.02s
									1.024s/pixel
									Pitch=+206",Yaw=+537"
Event # = 9141									
88/06/30,02:39	DOY=182	Peak	End times	SMM Pointing:	S19E21		Pitch=+224",Yaw=+421",Roll=-20deg		H.Ang=30deg
GOES					Qual=00				
HXRBS 02:39:02	02:39:28	02:39:50		Peak...c/s=78	Qual=01	Tot Cts=548	MaxkeV=71		
UVSP 02:39				Wavelength=1375A		Exp #=69757	Rast=265"x265"	Step=5"	Pitch=+231",Yaw=+434"
Event # = 21772									
88/06/30,02:41	DOY=182	Peak	End times						
GOES					Qual=00				
BGS 02:41	02:41	02:42		CaPeak.c/s=19	Qual= 5	FePeak=02:41	FePeak.c/s=7	#Peaks=1	dt= 7.7s
FCS				Wavelength=1375A		Exp #=69757	Rast=0"x0"	Step=0"	XEN=818203
UVSP 02:39							Rast=265"x265"	Step=5"	Cad=1.02s
									1.024s/pixel
									Pitch=+231",Yaw=+434"
Event # = 9142									
88/06/30,04:19	DOY=182	Peak	End times	SMM Pointing:	S19E20		Pitch=+228",Yaw=+409",Roll=-20deg		H.Ang=30deg
GOES					Qual=01				
BGS 04:11	04:19	04:27		Importance=C1	Qual=01	Tot Cts=345	MaxkeV=100		
HXRBS 04:18:40	04:18:50	04:19:00		Peak...c/s=106	Qual=01	Exp #=69766	Rast=10"x10"	Step=0"	Pitch=+298",Yaw=+354"
UVSP 04:18				Wavelength=1375A	Code=00				
Event # = 9143									
88/06/30,05:03	DOY=182	Peak	End times	SMM Pointing:	S19E20		Pitch=+228",Yaw=+409",Roll=-20deg		H.Ang=30deg
Optical					N13E30		Mac.=EKI	Carr.Lon.=357deg	H.Ang=31deg
GOES 05:01	05:03	05:07		Ha...Class=SF	Qual=01	Tot Cts=252	MaxkeV=71		
HXRBS 05:04:04	05:04:15	05:04:34		Importance=C1	Qual=01	Exp #=69770	Rast=10"x10"	Step=0"	Pitch=+215",Yaw=+470"
UVSP 04:52				Peak...c/s=61	Code=00				
				Wavelength=1375A					
Event # = 9145									
88/06/30,07:55	DOY=182	Peak	End times	SMM Pointing:	S19E18		Pitch=+239",Yaw=+384",Roll=-20deg		H.Ang=29deg
GOES					Qual=00				
HXRBS 07:55:29	07:55:49	07:56:10		Peak...c/s=63	Qual=01	Tot Cts=192	MaxkeV=71		
UVSP 07:45				Wavelength=1375A		Exp #=69776	Rast=40"x40"	Step=5"	Pitch=+240",Yaw=+354"
Event # = 9144									
88/06/30,07:56	DOY=182	Peak	End times	SMM Pointing:	S19E18		Pitch=+239",Yaw=+384",Roll=-20deg		H.Ang=29deg
GOES					Qual=01				
BGS 07:52	07:56	07:59		Importance=C1	Qual=01	Tot Cts=128	MaxkeV=71		
HXRBS 07:54:25	07:54:40	07:55:00		Peak...c/s=69	Qual=01	Exp #=69776	Rast=40"x40"	Step=5"	Pitch=+240",Yaw=+354"
UVSP 07:45				Wavelength=1375A	Code=00				

Event # = 9146									
88/06/30, 08:28	DOY=182	Peak	End times	SMM Pointing:	S19E18		Pitch=+239", Yaw=+384", Roll=-20deg	H. Ang=29deg	
Optical				Ha...Class=SN	S22E17		Mac. =FKC	Carr. Lon.=8deg	H. Ang=30deg
GOES 08:20	08:28	09:01		Importance=C6	Qual=02		MaxkeV=100	Flags=M5	
HXRBS 08:19:32	08:21:47	08:24:35		Peak...c/s=473	Qual=01	Tot Cts=25096	FePeak.c/s=52	#Peaks=2	dt= 7.7s XEN=818204
BCS 07:56	08:23	08:25		CaPeak.c/s=236	Qual= 1	FePeak=08:23	Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
FCS							Rast=40"x40"	Step=5"	Pitch=+240", Yaw=+354"
UVSP 07:45				Wavelength=1375A	Code=00	Exp #=69776			
Radio	Frequency(MHz)/Flux(sfu):	2695/28 4995/74 8800/100 15400/30							
Event # = 21757									
88/06/30, 09:30	DOY=182	Peak	End times						
GOES 09:28	09:30	09:37		Importance=C1	Qual=01		FePeak.c/s=15	#Peaks=1	dt= 7.7s XEN=818205
BCS 08:56	09:31	09:37		CaPeak.c/s=27	Qual= 7	FePeak=09:31	Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
FCS							Rast=10"x10"	Step=0"	Pitch=+163", Yaw=+415"
UVSP 09:28				Wavelength=1375A	Code=00	Exp #=69778			
Radio	Frequency(MHz)/Flux(sfu):	245/300							
Event # = 21758									
88/06/30, 10:30	DOY=182	Peak	End times						
GOES 10:23	10:30	11:09		Importance=C2	Qual=04		FePeak.c/s=15	#Peaks=2	dt= 7.7s XEN=818206
BCS 10:30	10:32	11:26		CaPeak.c/s=75	Qual= 4	FePeak=10:31	Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
FCS							Rast=265"x265"	Step=5"	Pitch=+254", Yaw=+375"
UVSP 10:31				Wavelength=1375A	Code=02	Exp #=69782			
Event # = 9361									
88/06/30, 12:58	DOY=182	Peak	End times	SMM Pointing:	S19E16		Pitch=+251", Yaw=+350", Roll=-20deg	H. Ang=27deg	
Optical				Ha...Class=SF	S14E18		Mac. =FKC	Carr. Lon.=5deg	H. Ang=25deg
GOES 12:50	12:58	13:42		Importance=C4	Qual=03		MaxkeV=100	Flags=M5, I	
HXRBS 12:50:50	12:52:04	12:57:05		Peak...c/s=243	Qual=01	Tot Cts=17100	FePeak.c/s=46	#Peaks=1	dt= 7.7s XEN=818207
BCS 12:51	12:57	13:07		CaPeak.c/s=281	Qual= 1	FePeak=12:55	Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
FCS							Rast=10"x10"	Step=0"	Pitch=+262", Yaw=+281"
UVSP 12:46				Wavelength=1375A	Code=00	Exp #=69791			
Radio	Frequency(MHz)/Flux(sfu):	15400/140							
Event # = 9147									
88/06/30, 14:39	DOY=182	Peak	End times	SMM Pointing:	S19E15		Pitch=+256", Yaw=+337", Roll=-20deg	H. Ang=27deg	
Optical				Ha...Class=1N	S21E16		Mac. =FKC	Carr. Lon.=6deg	H. Ang=29deg
GOES 14:33	14:39	14:46		Importance=C4	Qual=03		MaxkeV=131	Flags=FS	
HXRBS 14:35:04	14:38:22	14:39:42		Peak...c/s=271	Qual=01	Tot Cts=6247	FePeak.c/s=28	#Peaks=1	dt= 7.7s XEN=818208
BCS 14:37	14:40	14:41		CaPeak.c/s=147	Qual= 1	FePeak=14:40	Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
FCS							Rast=265"x265"	Step=5"	Pitch=+266", Yaw=+343"
UVSP 14:37				Wavelength=1375A	Code=00	Exp #=69798			
Radio	Frequency(MHz)/Flux(sfu):	410/240 606/550					MaxkeV=100	Flags=M5	
Event # = 9148									
88/06/30, 14:40:15	14:40:26	14:41:02		Peak...c/s=189	Qual=01	Tot Cts=1358			
HXRBS				Associated					

Event # = 21759									
88/06/30, 15:32	DOY=182								
Start	Peak	End times							
GOES 15:29	15:32	15:36	Importance=C1	Qual=03					
BCS 15:31	15:31	16:03	CaPeak.c/s=19	Qual= 2	FePeak=15:31	#Peaks=1	dt= 7.7s	XEN=818209	
FCS						Step=0"	Cad=1.02s	1.024s/pixel	
UVSP 15:04			Wave length=2788A		Exp #=69800	Step=0"	Pitch=+140"	Yaw=+258"	
Event # = 9149									
88/06/30, 17:29	DOY=182								
Start	Peak	End times	SMM Pointing:	S19E13					
GOES 16:37	17:29	17:35	Importance=C1	Qual=01					
HXRBS 16:46:50	16:47:20	16:48:00	Peak...c/s=68	Qual=01	Tot Cts=657	MaxkeV=71			
BCS 16:46	16:49	17:49	CaPeak.c/s=37	Qual= 4	FePeak=16:47	FePeak.c/s=8	dt= 7.7s	XEN=818210	
FCS						Rast=0"x0"	Cad=1.02s	1.024s/pixel	
UVSP 17:43			Wave length=2788A		Exp #=69803	Rast=180"x1"	Pitch=+148"	Yaw=+238"	
Event # = 9150									
88/06/30, 17:41	DOY=182								
Start	Peak	End times	SMM Pointing:	S19E13					
Optical			Ha...Class=SF	S21E17	AR5060	Mac.=FKC	Carr. Lon.=3deg	H. Ang=29deg	
GOES 17:39:33	17:41:01	17:42:35	Peak...c/s=63	Qual=00					
HXRBS 17:43			Wave length=2788A	Qual=01	Tot Cts=1112	MaxkeV=100			
UVSP			Radio Frequency(MHz)/Flux(sfu): 245/270 410/92		Exp #=69803	Rast=180"x1"	Step=0"	Pitch=+148"	Yaw=+238"
Event # = 21760									
88/06/30, 18:08	DOY=182								
Start	Peak	End times							
Optical			Ha...Class=SF	S18E14	AR5060	Mac.=FKC	Carr. Lon.=6deg	H. Ang=25deg	
GOES 17:51	18:08	18:32	Importance=C3	Qual=05					
BCS 18:20	18:20	18:40	CaPeak.c/s=53	Qual= 5	FePeak=18:23	FePeak.c/s=7	dt= 7.7s	XEN=818211	
FCS						Rast=0"x0"	Cad=1.02s	1.024s/pixel	
UVSP 18:13			Wave length=2788A	Code=02	Exp #=69804	Rast=180"x1"	Pitch=+149"	Yaw=+234"	
Event # = 9151									
88/06/30, 18:46	DOY=182								
Start	Peak	End times	SMM Pointing:	S19E12					
GOES 18:44	18:46	18:50	Importance=C1	Qual=01					
HXRBS 18:45:36	18:45:53	18:46:12	Peak...c/s=66	Qual=01	Tot Cts=262	MaxkeV=71			
UVSP 18:42			Wave length=1375A	Code=00	Exp #=69809	Rast=10"x10"	Step=0"	Pitch=+296"	Yaw=+286"
Event # = 21761									
88/06/30, 23:09	DOY=182								
Start	Peak	End times							
GOES 23:05	23:09	23:15	Importance=C1	Qual=01					
BCS 23:08	23:08	23:12	CaPeak.c/s=20	Qual= 4	FePeak=23:08	FePeak.c/s=6	dt= 7.7s	XEN=818212	
FCS						Rast=0"x0"	Cad=1.02s	1.024s/pixel	
UVSP 23:06			Wave length=1375A	Code=00	Exp #=69831	Rast=10"x10"	Step=0"	Pitch=+254"	Yaw=+332"

Event # = 21762									
88/06/30, 23:26 DOY=182									
Start		End times		Peak					
GOES	23:16	23:33	23:33	23:26	23:27	Importance=C1	Qual=01	FePeak=23:27	
BCS	23:25					CaPeak.c/s=20	Qual=4		
FCS						Wavelength=1375A	Code=00	Exp #=69833	
UVSP	23:24								
FePeak.c/s=11 #Peaks=1 dt= 7.7s XEN=818213									
Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel									
Rast=10"x10" Step=0" Pitch=+265", Yaw=+330"									
88/07/01 DOY=183									
Event # = 9152									
88/07/01, 00:03 DOY=183									
Start		End times		Peak					
Optical	00:00	00:03	00:10	00:00	00:03	SMM Pointing:	S19E10	Pitch=+285", Yaw=+265", Roll=-20deg	H.Ang=24deg
GOES	00:00					Ha...Class=SF	N13E16	Mac.=EKI	H.Ang=19deg
HXRBS	00:00:28	00:00:40	00:00:56	00:00:28	00:00:40	Importance=C1	Qual=01	Carr.Lon.=0deg	
UVSP	23:56					Peak...c/s=56	Qual=01	MaxkeV=71	
Radio	Frequency(MHz)/Flux(sfu): 245/280					Wavelength=1375A	Code=00	Rast=10"x10" Step=0" Pitch=+266", Yaw=+230"	
Event # = 9153									
88/07/01, 00:50 DOY=183									
Start		End times		Peak					
GOES	00:43	00:50	00:58	00:43	00:50	SMM Pointing:	S19E09	Pitch=+290", Yaw=+253", Roll=-20deg	H.Ang=24deg
HXRBS	00:51:13	00:51:19	00:51:25	00:51:13	00:51:19	Importance=C1	Qual=01	MaxkeV=71	
UVSP	00:41					Peak...c/s=77	Qual=01	Rast=10"x10" Step=0" Pitch=+314", Yaw=+244"	
Event # = 21763									
88/07/01, 01:32 DOY=183									
Start		End times		Peak					
GOES	01:29	01:32	01:39	01:29	01:32	Importance=C1	Qual=01	FePeak=01:31	
BCS	01:31	01:33	01:39	01:31	01:33	CaPeak.c/s=28	Qual=1		
FCS						Wavelength=1375A	Code=02	Exp #=69845	
UVSP	01:32								
Event # = 9154									
88/07/01, 02:19 DOY=183									
Start		End times		Peak					
Optical	02:15	02:19	02:38	02:15	02:19	SMM Pointing:	S19E08	Pitch=+294", Yaw=+242", Roll=-20deg	H.Ang=24deg
GOES	02:15	02:19	02:38	02:15	02:19	Ha...Class=SF	S20E11	Mac.=FKC	H.Ang=25deg
HXRBS	02:15:23	02:17:02	02:17:23	02:15:23	02:17:02	Importance=C1	Qual=01	AR5060	
BCS	02:19	02:19	02:23	02:19	02:19	Peak...c/s=58	Qual=01	Tot Cts=671	
FCS						CaPeak.c/s=19	Qual=4	FePeak=02:19	
UVSP	02:15					Wavelength=1375A	Code=00	Exp #=69847	
Event # = 9155									
88/07/01, 02:52 DOY=183									
Start		End times		Peak					
GOES	02:49	02:52	03:00	02:49	02:52	SMM Pointing:	S19E08	Pitch=+294", Yaw=+242", Roll=-20deg	H.Ang=24deg
HXRBS	02:52:09	02:52:20	02:52:57	02:52:09	02:52:20	Importance=B9	Qual=01	MaxkeV=71	
UVSP	02:49					Peak...c/s=75	Qual=01	Rast=10"x10" Step=0" Pitch=+329", Yaw=+217"	
Radio	Sweeps					Wavelength=1375A	Code=00	Exp #=69851	
Type/Intensity: III/1									



Event # = 9156									
88/07/01,04:01	DOY=183		SMM Pointing:	S19E07		Pitch=+298",Yaw=+229",Roll=-20deg	H.Ang=23deg		
GOES 04:00	Peak 04:01	End times 04:08	Importance=C1	Qual=01					
HXRBS 04:00:56	04:01:08	04:01:32	Peak...c/s=78	Qual=01	Tot Cts=276				
BCS 04:02	04:02	04:04	CaPeak.c/s=21	Qual= 4	FePeak=04:03				
FCS									
UVSP 03:49			Wavelength=1375A	Code=00	Exp #=69855				
Event # = 21764									
88/07/01,04:14	DOY=183								
GOES 04:10	Peak 04:14	End times 04:16	Importance=C1	Qual=01					
BCS 04:13	04:14	04:17	CaPeak.c/s=23	Qual= 4	FePeak=04:14				
FCS									
UVSP 04:06			Wavelength=1375A	Code=00	Exp #=69857				
Event # = 9157									
88/07/01,04:23	DOY=183		SMM Pointing:	S19E07		Pitch=+298",Yaw=+229",Roll=-20deg	H.Ang=23deg		
GOES 04:16	Peak 04:23	End times 04:24	Importance=C2	Qual=01					
HXRBS 04:18:07	04:18:28	04:18:49	Peak...c/s=70	Qual=01	Tot Cts=421				
UVSP 04:22			Wavelength=1375A	Code=00	Exp #=69859				
Event # = 9158									
88/07/01,04:27	DOY=183		SMM Pointing:	S19E07		Pitch=+298",Yaw=+229",Roll=-20deg	H.Ang=23deg		
Optical 04:24	Peak 04:27	End times 04:31	Ha...Class=1F	S20E11					
GOES 04:26:12	04:26:28	04:27:23	Importance=C2	Qual=01	AR5060				
HXRBS 04:18	04:27	04:39	Peak...c/s=101	Qual=01					
BCS 04:18			CaPeak.c/s=56	Qual= 1	Tot Cts=920				
FCS					FePeak=04:27				
UVSP 04:22			Wavelength=1375A	Code=00	Exp #=69859				
Event # = 9159									
88/07/01,04:35	DOY=183		SMM Pointing:	S19E07		Pitch=+298",Yaw=+229",Roll=-20deg	H.Ang=23deg		
Optical 04:31	Peak 04:35	End times 04:40	Ha...Class=1F	S20E11					
GOES 04:34:44	04:35:35	04:35:48	Importance=C2	Qual=01	AR5060				
HXRBS 04:34:44	04:35:35	04:35:48	Peak...c/s=59	Qual=01					
UVSP 04:22			Wavelength=1375A	Code=00	Tot Cts=315				
Event # = 21765									
88/07/01,05:06	DOY=183								
Optical 04:56	Peak 05:06	End times 05:19	Ha...Class=SF	S20E10					
GOES 05:19	05:19	05:27	Importance=C4	Qual=05	AR5060				
BCS 05:19			CaPeak.c/s=59	Qual= 5	FePeak=05:20				
FCS									
UVSP 05:19			Wavelength=1375A		Exp #=69862				
Radio			Frequency(MHz)/Flux(sfu): 15400/56						

Event # = 9160	DOY=183	SMM Pointing:	S19E06	Pitch=+303" ,Yaw=+217" ,Roll=-20deg	H.Ang=23deg
88/07/01,05:48 Start	Peak	End times			
G0ES 05:42	05:48	05:55	Qual=01		
HXRBS 05:47:35	05:48:02	05:48:21	Qual=01		
UVSP 05:39			Code=00	MaxkeV=71 Rast=10"x10" Step=0" Pitch=+383" ,Yaw=+185"	
Tot Cts=238 Exp #=69865					
Event # = 21766	DOY=183				
88/07/01,08:49 Start	Peak	End times			
Optical					
G0ES 08:28	08:49	09:06	Ha...Class=2F	Mac.=FKC Carr.Lon.=22deg H.Ang=27deg	
BCS 08:58	09:00	09:30	Importance=C7		
FCS			CaPeak.c/s=36		
UVSP 08:54			Qual=05	FePeak.c/s=15 dt= 7.7s XEN=818306	
Radio			Qual= 5	Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel	
			Code=02	Rast=15"x15" Step=3" Pitch=+321" ,Yaw=+201"	
Wavelength=2788A Code=02 Exp #=69876					
Flux(sfu): 410/70					
Event # = 9161	DOY=183				
88/07/01,10:41 Start	Peak	End times			
G0ES 10:40	10:41	10:45	S22W10		
HXRBS 10:40:44	10:40:54	10:41:08	Qual=01		
UVSP 10:58			Qual=01		
Tot Cts=309 Exp #=69879					
Event # = 21767	DOY=183				
88/07/01,12:34 Start	Peak	End times			
G0ES 12:31	12:34	12:39	Importance=C1		
BCS 12:33	12:33	12:35	Peak...c/s=91		
FCS			Wavelength=2788A		
UVSP 12:33			Qual=01		
			Qual= 4		
FePeak=12:33					
Exp #=69881					
Event # = 21768	DOY=183				
88/07/01,14:02 Start	Peak	End times			
G0ES 13:59	14:02	14:07	Importance=C1		
BCS 14:00	14:02	14:11	CaPeak.c/s=20		
FCS			Qual=01		
UVSP 14:06			Qual= 1		
FePeak=14:02					
Exp #=69883					
Event # = 9162	DOY=183				
88/07/01,15:46 Start	Peak	End times			
G0ES 15:41:55	15:43:02	15:46:29	Importance=C1		
HXRBS 14:54	15:46	15:47	CaPeak.c/s=70		
BCS			Qual=01		
FCS			Qual= 1		
UVSP 15:41			Qual=00		
Tot Cts=1917 Exp #=69885					
FePeak=15:46					
Exp #=69885					
Event # = 9163	DOY=183				
88/07/01,16:46 Start	Peak	End times			
G0ES 16:41:55	16:43:02	16:46:29	Importance=C1		
HXRBS 15:54	16:46	16:47	CaPeak.c/s=70		
BCS			Qual=01		
FCS			Qual= 1		
UVSP 16:41			Qual=00		
Tot Cts=1917 Exp #=69885					
FePeak=16:46					
Exp #=69885					



88/07/02 DOY=184									
Event # = 9168		DOY=184		SMM Pointing:		S19W04		Pitch=+359", Yaw=+68", Roll=-20deg	
88/07/02,01:03	Start	Peak		End times					H.Ang=23deg
Optical									
GOES	00:45	01:03		01:35			AR5060	Mac.=FKC	H.Ang=24deg
HXRBS	00:44:28	01:01:09		01:10:55					
BCS	00:43	01:02		01:11					
FCS									
UVSP	01:01								
Radio Sweeps									
Radio Frequency(MHz)/Flux(sfu):	Type/Intensity:								
	245/410 410/170 606/94		111/2						
Wavelength=1375A Code=00 Exp #=69933									
FePeak.c/s=418 #Peaks=1 dt= 7.7s XEN=818411									
Rast=0"x0" Step=0" Cad= 688s 687.9s/pixel									
Rast=180"x1" Step=0" Pitch=+381", Yaw=+21"									
Event # = 21770		DOY=184		SMM Pointing:		S19W05		Pitch=+363", Yaw=+55", Roll=-20deg	
88/07/02,01:42	Start	Peak		End times					H.Ang=23deg
GOES	01:42	01:42		02:44					
BCS									
FCS									
UVSP	01:44								
FePeak.c/s=7 #Peaks=1 dt= 7.7s XEN=818400									
Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel									
Rast=435"x256" Step=5" Pitch=+371", Yaw=+112"									
Event # = 9172		DOY=184		SMM Pointing:		S19W06		Pitch=+369", Yaw=+42", Roll=-20deg	
88/07/02,02:06	Start	Peak		End times					H.Ang=23deg
GOES	02:06:01	02:06:03		02:06:21					
HXRBS									
UVSP	02:03								
MaxkeV=71									
Rast=180"x1" Step=0" Pitch=+458", Yaw=+118"									
Event # = 9169		DOY=184		SMM Pointing:		S19W06		Pitch=+369", Yaw=+42", Roll=-20deg	
88/07/02,03:54	Start	Peak		End times					H.Ang=23deg
GOES	03:54:31	03:54:37		03:54:41					
HXRBS									
UVSP	03:54								
MaxkeV=71									
Rast=180"x1" Step=0" Pitch=+429", Yaw=+148"									
Event # = 9170		DOY=184		SMM Pointing:		S19W06		Pitch=+369", Yaw=+42", Roll=-20deg	
88/07/02,03:57	Start	Peak		End times					H.Ang=23deg
GOES	03:56:26	03:56:39		03:56:48					
HXRBS	03:57	03:57		03:59					
BCS									
FCS									
UVSP	03:54								
MaxkeV=71									
FePeak.c/s=8 #Peaks=1 dt= 7.7s XEN=818401									
Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel									
Rast=180"x1" Step=0" Pitch=+429", Yaw=+148"									
Event # = 9173		DOY=184		SMM Pointing:		S19W06		Pitch=+369", Yaw=+42", Roll=-20deg	
88/07/02,04:17	Start	Peak		End times					H.Ang=23deg
GOES	04:16:38	04:17:41		04:18:01					
HXRBS									
UVSP	04:09								
MaxkeV=71									
Rast=180"x1" Step=0" Pitch=+320", Yaw=-29"									

Event # = 9174									
88/07/02, 04:58	Start	DOY=184	End times	SMM Pointing:	S19W06	Pitch=+373", Yaw=+30", Roll=-20deg	H.Ang=23deg		
GOES 04:57	Peak	04:58	05:00	Importance=C1	Qual=01				
HXRBS 04:58:05		04:58:15	04:58:25	Peak...c/s=56	Qual=01				
UVSP 04:54				Wavelength=1375A	Code=00	MaxkeV=71			
						Rast=180"x1"	Step=0"	Pitch=+257", Yaw=-15"	
						Tot Cts=154			
						Exp #=69951			
Event # = 9171									
88/07/02, 06:49	Start	DOY=184	End times	SMM Pointing:	S19W07	Pitch=-112", Yaw=-360", Roll=90deg	H.Ang=24deg		
Optical				Ha...Class=1F	S22W13	Mac.=FKC			
GOES 06:35	Peak	06:49	07:09	Importance=C4	Qual=04	Carr.Lon.=12deg	H.Ang=28deg		
HXRBS 06:47:06		06:49:10	06:51:07	Peak...c/s=78	Qual=01				
BCS 06:43		06:48	06:58	CaPeak.c/s=100	Qual=1	MaxkeV=71			
FCS						FePeak.c/s=25	#Peaks=1	dt= 7.7s	XEN=818402
UVSP						Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
Radio						Rast=243"x243"	Step=3"	Pitch=-106", Yaw=-348"	
				Wavelength=2788A	Code=00				
				Type/Intensity:					
				III/3					
				Frequency(MHz)/Flux(sfu):	245/190 410/130 606/270 2695/61 8800/30 15400/23				
Event # = 21771									
88/07/02, 07:26	Start	DOY=184	End times						
GOES 07:22	Peak	07:26	07:41	Importance=C2	Qual=03				
BCS 07:22		07:25	07:27	CaPeak.c/s=67	Qual=1	FePeak=07:24			
FCS									
UVSP				Wavelength=2788A	Code=00				
						FePeak.c/s=19	#Peaks=1	dt= 7.7s	XEN=818403
						Rast=115"x115"	Step=5"	Cad=1083s	2.048s/pixel
						Rast=243"x243"	Step=3"	Pitch=-106", Yaw=-348"	
Event # = 9175									
88/07/02, 13:36	Start	DOY=184	End times	SMM Pointing:	S19W11	Pitch=+394", Yaw=-32", Roll=-20deg	H.Ang=25deg		
Optical				Ha...Class=SF	S26W12	Mac.=FKC			
GOES 13:31	Peak	13:36	13:50	Importance=C2	Qual=03	Carr.Lon.=8deg	H.Ang=31deg		
HXRBS 13:29:38		13:31:04	13:33:14	Peak...c/s=98	Qual=01				
BCS 13:31		13:35	13:44	CaPeak.c/s=59	Qual=1	MaxkeV=71			
FCS						FePeak.c/s=13	#Peaks=1	dt= 7.7s	XEN=818404
UVSP				Wavelength=2788A	Code=02	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
						Rast=180"x1"	Step=0"	Pitch=+276", Yaw=+147"	
Event # = 9176									
88/07/02, 16:44	Start	DOY=184	End times	SMM Pointing:	S19W12	Pitch=+404", Yaw=-55", Roll=-20deg	H.Ang=26deg		
GOES 16:41	Peak	16:44	16:52	Importance=B9	Qual=01				
HXRBS 16:43:14		16:43:29	16:44:31	Peak...c/s=78	Qual=01				
UVSP 16:35				Wavelength=1375A	Code=00	MaxkeV=71			
						Rast=180"x1"	Step=0"	Pitch=+350", Yaw=+19"	
						Tot Cts=436			
						Exp #=69983			
Event # = 20514									
88/07/02, 22:13	Start	DOY=184	End times						
Optical				Ha...Class=SF	S16W15	Mac.=FKC			
GOES 22:10	Peak	22:13	22:16	CaPeak.c/s=38	Qual=1	Carr.Lon.=6deg	H.Ang=24deg		
BCS									
FCS						FePeak.c/s=10	#Peaks=1	dt= 7.7s	XEN=818405
						Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel

Event # = 9177									
88/07/02,22:40	DOY=184	Peak	SMM Pointing:			S19W16	Pitch=+421",Yaw=-104",Roll=-20deg		H.Ang=27deg
Start	22:40	22:47	End times			Qual=01			
GOES 22:38	22:40	22:47	Importance=C1			Qual=01			
HXRBS 22:38:04	22:38:43	22:39:19	Peak...c/s=79			Tot Cts=696	MaxkeV=71		
Radio Frequency(MHz)/Flux(sfu):	606/110								
88/07/03 DOY=185									
Event # = 21773									
88/07/03,00:02	DOY=185	Peak	SMM Pointing:			AR5060	Mac. =FKC		H.Ang=26deg
Start	00:02	00:13	End times			Qual=01			
Optical 00:00	00:02	00:13	Ha...Class=SF			Qual= 4			
GOES 00:00	00:02	00:13	Importance=C2			FePeak=00:02			
BCS 00:02	00:03	00:05	CaPeak.c/s=23				FePeak.c/s=14 dt= 7.7s XEN=818500		
FCS							Rast=0"x0" Cad=1.02s		
Event # = 21774									
88/07/03,08:03	DOY=185	Peak	SMM Pointing:			Qual=01	#Peaks=1 dt= 7.7s XEN=818501		
Start	08:03	08:29	End times			Qual= 4	Step=0" Cad=1.02s		
GOES 07:58	08:03	08:09	Importance=C2			FePeak=07:59	Step=0" Pitch=+329",Yaw=-1"		
BCS 07:59	08:02		CaPeak.c/s=23			Exp #=69994			
FCS			Wavelength=2788A						
UVSP 08:56									
Event # = 9180									
88/07/03,11:32	DOY=185	Peak	SMM Pointing:			S19W23	Pitch=+454",Yaw=-199",Roll=-20deg		H.Ang=32deg
Start	11:32	11:34	End times			Qual=01			
GOES 11:31	11:32	11:34	Importance=C2			Qual=01			
HXRBS 11:31:30	11:31:40	11:32:10	Peak...c/s=64			Tot Cts=299			
UVSP 11:36			Wavelength=2788A			Exp #=69997	Step=0" Pitch=+335",Yaw=-21"		
Event # = 9178									
88/07/03,14:45	DOY=185	Peak	SMM Pointing:			S19W24	Pitch=+462",Yaw=-222",Roll=-20deg		H.Ang=33deg
Start	14:45	14:46	End times			Qual=00			
Optical 14:45	14:45	14:46	Ha...Class=SN			Qual=01			
GOES 14:45:19	14:45:39	14:46:24	Peak...c/s=70			Tot Cts=362			
HXRBS 14:45	14:45	14:46	Wavelength=2788A			Exp #=70001	Step=0" Pitch=+343",Yaw=-44"		
UVSP 14:44									
Event # = 9179									
88/07/03,17:49	DOY=185	Peak	SMM Pointing:			S19W26	Pitch=+470",Yaw=-244",Roll=-20deg		H.Ang=34deg
Start	17:49	17:49	End times			Qual=00			
GOES 17:49:20	17:49:25	17:49:31	Peak...c/s=74			Qual=01			
HXRBS 17:49	17:49	17:49	Wavelength=2788A			Tot Cts=217			
UVSP 17:52						Exp #=70005	Step=0" Pitch=+352",Yaw=-66"		
Event # = 9364									
88/07/03,21:49	DOY=185	Peak	SMM Pointing:			S19W28	Pitch=+482",Yaw=-277",Roll=-20deg		H.Ang=36deg
Start	21:49	22:04	End times			Qual=01			
Optical 21:46	21:49	22:04	Ha...Class=SN			Qual=01			
GOES 21:46	21:49	22:04	Importance=C6			Qual=01			
HXRBS 21:44:39	21:46:14	21:49:47	Peak...c/s=503			Tot Cts=14900	Carr. Lon.=360deg H.Ang=24deg		
Radio Frequency(MHz)/Flux(sfu):	4995/69 8800/92 15400/50			Flags=M5, I					

Event # = 9365	88/07/03, 22:23	DOY=185	SMM Pointing:	S19W28	Pitch=+482", Yaw=-277", Roll=-20deg	H. Ang=36deg
	Start	End times				
G0ES	22:21	22:29	Importance=C1	Qual=01		
HXRBS	22:21:12	22:21:30	Peak...c/s=269	Qual=01	MaxkeV=131	Flags=I
Radio	Frequency(MHz)/Flux(sfu):	15400/93		Tot Cts=1600		
Event # = 9366	88/07/03, 22:33	DOY=185	SMM Pointing:	S19W28	Pitch=+482", Yaw=-277", Roll=-20deg	H. Ang=36deg
	Start	End times				
G0ES	22:30	22:40	Importance=C2	Qual=01	MaxkeV=100	Flags=I
HXRBS	22:29:37	22:31:49	Peak...c/s=89	Qual=01	FePeak.c/s=11	#Peaks=1
BCS	22:32	22:36	CaPeak.c/s=28	Qual=1	Rast=0"x0"	dt= 7.7s
FCS					Step=0"	XEN=818502
						Cad=1.02s
Event # = 9367	88/07/03, 23:26	DOY=185	SMM Pointing:	S19W29	Pitch=+485", Yaw=-288", Roll=-20deg	H. Ang=37deg
	Start	End times				
G0ES	23:23	23:36	Importance=C1	Qual=01	MaxkeV=71	Flags=I
HXRBS	23:23:14	23:23:38	Peak...c/s=79	Qual=01	FePeak.c/s=13	#Peaks=1
BCS	23:25	23:29	CaPeak.c/s=27	Qual=1	Rast=0"x0"	dt= 7.7s
FCS					Step=0"	XEN=818503
						Cad=1.02s
Event # = 9181	88/07/04, 01:36	DOY=186	SMM Pointing:	S19W30	Pitch=+489", Yaw=-300", Roll=-20deg	H. Ang=37deg
	Start	End times				
G0ES				Qual=00	MaxkeV=71	
HXRBS	01:36:38	01:36:53	Peak...c/s=68	Qual=01		
Event # = 21775	88/07/04, 09:36	DOY=186				
	Start	End times				
G0ES				Qual=00		
BCS	09:36	09:36	CaPeak.c/s=18	Qual=2	FePeak.c/s=7	#Peaks=1
FCS		09:37			Rast=115"x115"	dt= 7.7s
UVSP	08:58		Wavelength=1375A		Step=5"	XEN=818600
					Rast=243"x243"	Cad=1083s
					Step=10"	Pitch=+506", Yaw=-342"
Event # = 9362	88/07/04, 12:22	DOY=186	SMM Pointing:	S19W36	Pitch=+511", Yaw=-368", Roll=-20deg	H. Ang=42deg
	Start	End times				
Optical					Mac.=FKC	H. Ang=46deg
G0ES	12:17	12:22	Ha...Class=SF	AR5060		
HXRBS	12:19:35	12:20:15	Importance=C2	Qual=01	MaxkeV=71	Flags=I
BCS	12:20	12:21	Peak...c/s=466	Qual=01	FePeak.c/s=15	#Peaks=1
FCS		12:22	CaPeak.c/s=51	Qual=1	Rast=0"x0"	dt= 7.7s
UVSP	12:41		Wavelength=2788A		Step=0"	XEN=818601
					Rast=180"x1"	Cad=1.02s
						Pitch=+394", Yaw=-194"
Event # = 9182	88/07/04, 18:46	DOY=186	SMM Pointing:	S19W39	Pitch=+525", Yaw=-409", Roll=-20deg	H. Ang=45deg
	Start	End times				
G0ES				Qual=00		
HXRBS	18:46:09	18:46:36	Peak...c/s=81	Qual=01	MaxkeV=71	
UVSP	18:58		Wavelength=2788A		Rast=180"x1"	Pitch=+408", Yaw=-234"





Event # = 9187									
88/07/05,16:22	DOY=187	Start	End times	SMM Pointing:	S19W51	Pitch=+564", Yaw=-537", Roll=-20deg	H. Ang=55deg		
Optical				Ha...Class=SF	N12W48	Mac.=FKI	Carr. Lon.=3deg	H. Ang=48deg	
GOES 16:09	16:22	16:41		Importance=C1	Qual=02	AR5062			
HXRBS 16:09:43	16:10:14	16:11:25		Peak...c/s=59	Qual=01	Tot Cts=456			
UVSP 16:54				Wavelength=2788A		Exp #=70036	Step=0"	Pitch=+445", Yaw=-357"	
Event # = 9188									
88/07/05,19:35	DOY=187	Start	End times	SMM Pointing:	S19W53	Pitch=+567", Yaw=-547", Roll=-20deg	H. Ang=56deg		
Optical				Ha...Class=SF	S19W54	Mac.=EKC	Carr. Lon.=7deg	H. Ang=58deg	
GOES 19:30	19:35	19:40		Importance=C2	Qual=01	AR5060			
HXRBS 19:26:53	19:27:34	19:28:26		Peak...c/s=64	Qual=01	Tot Cts=528			
BCS 19:29	19:34	19:45		CaPeak.c/s=58	Qual=1	FePeak=19:34	#Peaks=1	dt= 7.7s	XEN=818703
FCS							Step=0"	Cad=1.02s	1.024s/pixel
UVSP 19:26				Wavelength=1375A	Code=00	Exp #=70042	Step=0"	Pitch=+564", Yaw=-488"	
88/07/06 DOY=188									
Event # = 9189									
88/07/06,04:58	DOY=188	Start	End times	SMM Pointing:	S20W54	Pitch=-724", Yaw=-347", Roll=90deg	H. Ang=58deg		
GOES 04:49	04:58	05:19		Importance=C2	Qual=01				
HXRBS 04:49:53	04:50:54	04:52:06		Peak...c/s=71	Qual=01	Tot Cts=1089			
BCS 04:51	04:57	05:08		CaPeak.c/s=47	Qual=1	FePeak=04:53	#Peaks=1	dt= 7.7s	XEN=818800
FCS							Step=0"	Cad=1.02s	1.024s/pixel
UVSP 04:48				Wavelength=1375A	Code=00	Exp #=70090	Step=0"	Pitch=-738", Yaw=-308"	
Event # = 21777									
88/07/06,05:14	DOY=188	Start	End times						
GOES 05:12	05:14	05:18		CaPeak.c/s=20	Qual=00				
BCS					Qual=4	FePeak=05:12	#Peaks=1	dt= 7.7s	XEN=818801
FCS							Step=0"	Cad=1.02s	1.024s/pixel
UVSP 05:04				Wavelength=1375A		Exp #=70092	Step=0"	Pitch=-685", Yaw=-413"	
Event # = 9190									
88/07/06,12:59	DOY=188	Start	End times	SMM Pointing:	S19W58	Pitch=+581", Yaw=-596", Roll=-20deg	H. Ang=62deg		
GOES 12:56	12:59	13:06		Importance=C1	Qual=01				
HXRBS 12:57:00	12:57:47	12:58:00		Peak...c/s=67	Qual=01	Tot Cts=858			
UVSP 13:18				Wavelength=2788A		Exp #=70112	Step=0"	Pitch=+460", Yaw=-412"	
Radio Sweeps	Type/Intensity:			V/3					
Radio Frequency(MHz)/Flux(sfu):	245/750	410/230							
Event # = 9191									
88/07/06,15:34	DOY=188	Start	End times	SMM Pointing:	S19W60	Pitch=+584", Yaw=-607", Roll=-20deg	H. Ang=63deg		
Optical				Ha...Class=SF	S21W59	Mac.=EKC	Carr. Lon.=1deg	H. Ang=63deg	
GOES 15:24	15:34	15:43		Importance=C2	Qual=03	AR5060			
HXRBS 15:26:03	15:26:07	15:26:18		Peak...c/s=56	Qual=01	Tot Cts=1011	Flags=M5	dt= 7.7s	XEN=818802
BCS 15:28	15:31	16:08		CaPeak.c/s=45	Qual=1	FePeak=15:31	#Peaks=1	Cad=1.02s	1.024s/pixel
FCS							Step=0"	Pitch=+463", Yaw=-421"	
UVSP 15:22				Wavelength=2788A	Code=01	Exp #=70115			

Event # = 9192	88/07/06, 16:21	Start	DOY=188	Peak	End times	SMM Pointing:	S19W60	Qual=01	Importance=88	Peak...c/s=70	WaveLength=2788A	Code=00	Tot Cts=437	Exp # = 70116	MaxkeV=71	Rast=180"x1"	Step=0"	Pitch=+584", Yaw=-607", Roll=-20deg	H.Ang=63deg	
GOES	16:17	16:23																		
HXRBS	16:16:54	16:17:37	16:17:51																	
UVSP	16:20																			
Radio Sweeps																				
Radio																				
Frequency (MHz)/Flux(sfu):	245/210	410/140																		
Event # = 9193	88/07/06, 19:19	Start	DOY=188	Peak	End times	SMM Pointing:	S19W61	Qual=03	Importance=89	Peak...c/s=53	WaveLength=2788A	Code=01	Tot Cts=110	Exp # = 70120	MaxkeV=71	Rast=180"x1"	Step=0"	Pitch=+587", Yaw=-619", Roll=-20deg	H.Ang=64deg	
GOES	19:14	19:37																		
HXRBS	19:29:35	19:29:40	19:29:53																	
UVSP	19:30																			
Radio Sweeps																				
Radio																				
Frequency (MHz)/Flux(sfu):	245/210	410/140																		
Event # = 9371	88/07/06, 20:29	Start	DOY=188	Peak	End times	SMM Pointing:	S19W61	Qual=01	Ha...Class=SF	Importance=C1	Peak...c/s=60	WaveLength=2788A	Code=01	Tot Cts=177	Exp # = 70121	MaxkeV=71	Rast=180"x1"	Step=0"	Pitch=+587", Yaw=-619", Roll=-20deg	H.Ang=64deg
Optical																				
GOES	20:21	20:29	20:45																	
HXRBS	20:21:06	20:21:27	20:21:32																	
UVSP	20:05																			
Radio Sweeps																				
Radio																				
Frequency (MHz)/Flux(sfu):	245/470	410/80																		
Event # = 9372	88/07/06, 20:56	Start	DOY=188	Peak	End times	SMM Pointing:	S19W61	Qual=03	Ha...Class=SF	Importance=B8	Peak...c/s=51	WaveLength=2788A	Code=02	Tot Cts=76	Exp # = 70122	MaxkeV=71	Rast=180"x1"	Step=0"	Pitch=+587", Yaw=-619", Roll=-20deg	H.Ang=64deg
Optical																				
GOES	20:51	20:56	21:11																	
HXRBS	20:57:37	20:57:45	20:58:04																	
UVSP	21:03																			
Radio Sweeps																				
Radio																				
Frequency (MHz)/Flux(sfu):	245/470	410/80																		
Event # = 9194	88/07/06, 22:06	Start	DOY=188	Peak	End times	SMM Pointing:	S19W63	Qual=01	Ha...Class=SF	Importance=C1	Peak...c/s=79	WaveLength=1375A	Code=00	Tot Cts=1253	Exp # = 70126	MaxkeV=100	Rast=10"x10"	Step=0"	Pitch=+590", Yaw=-634", Roll=-20deg	H.Ang=66deg
Optical																				
GOES	22:01	22:06	22:12																	
HXRBS	22:01:54	22:03:04	22:04:25																	
UVSP	22:02																			
Radio Sweeps																				
Radio																				
Frequency (MHz)/Flux(sfu):	245/470	410/80																		
Event # = 9195	88/07/06, 22:30	Start	DOY=188	Peak	End times	SMM Pointing:	S19W63	Qual=01	Importance=89	Peak...c/s=56	WaveLength=1375A	Code=00	Tot Cts=190	Exp # = 70128	MaxkeV=71	Rast=10"x10"	Step=0"	Pitch=+590", Yaw=-634", Roll=-20deg	H.Ang=66deg	
GOES	22:26	22:35																		
HXRBS	22:28:52	22:29:15	22:29:29																	
UVSP	22:19																			
Radio Sweeps																				
Radio																				
Frequency (MHz)/Flux(sfu):	245/470	410/80																		

88/07/07		DOY=189	
Event # = 9196	DOY=189	S19W67	Pitch=+595", Yaw=-654", Roll=-20deg H. Ang=69deg
88/07/07, 06:07	Peak		
Optical	End times		
GOES 05:56	06:07	N13W72	Mac.=EKI Carr.Lon.=6deg H. Ang=72deg
HXRBS 05:57:07	06:13	Qual=01	
UVSP 06:04	06:09:00	Qual=01	
Radio	Frequency(MHz)/Flux(sfu):		
	2695/12 8800/21		
Event # = 9054	DOY=189	S19W68	Pitch=+597", Yaw=-664", Roll=-20deg H. Ang=71deg
88/07/07, 08:05	Peak		
GOES 08:00	08:05	Qual=03	
HXRBS 08:01:05	08:03:25	Qual=01	
BCS 08:03	08:04	Qual=1	
FCS	08:08		
UVSP 07:59			
	Importance=C2		
	Peak...c/s=115		
	CaPeak.c/s=66		
	Wavelength=1375A		
	Code=00		
	Exp #=70175		
	MaxkeV=100		
	FePeak.c/s=15		
	Rast=0"x0"		
	Rast=130"x130"		
	Step=5"		
	dt= 7.7s		
	XEN=818900		
	Cad=1.02s		
	Pitch=+627", Yaw=-685"		
Event # = 9197	DOY=189	S19W70	Pitch=+599", Yaw=-674", Roll=-20deg H. Ang=72deg
88/07/07, 10:50	Peak		
GOES 10:48	10:50	Qual=01	
HXRBS 10:49:40	10:50:05	Qual=01	
UVSP 10:39	10:50:37	Qual=00	
	Importance=C1		
	Peak...c/s=76		
	Wavelength=2788A		
	Code=00		
	Exp #=70182		
	MaxkeV=71		
	Rast=243"x243"		
	Step=3"		
	Pitch=+606", Yaw=-661"		
Event # = 21778	DOY=189		
88/07/07, 20:12	Peak		
GOES 20:07	20:12	Qual=00	
BCS 20:07	20:12	Qual=1	
FCS	20:27		
UVSP 20:35			
	CaPeak.c/s=25		
	Wavelength=2788A		
	FePeak.c/s=8		
	Rast=0"x0"		
	Rast=180"x1"		
	Step=0"		
	dt= 7.7s		
	XEN=818901		
	Cad=1.02s		
	Pitch=+482", Yaw=-513"		
Event # = 9055	DOY=189	S19W75	Pitch=+603", Yaw=-696", Roll=-20deg H. Ang=77deg
88/07/07, 21:53	Peak		
GOES 21:51	21:53	Qual=01	
HXRBS 21:51:57	21:52:00	Qual=01	
UVSP 22:08	21:52:39		
	Importance=C1		
	Peak...c/s=70		
	Wavelength=2788A		
	Exp #=70194		
	FePeak.c/s=17		
	Rast=0"x0"		
	Rast=180"x1"		
	Step=0"		
	Pitch=+483", Yaw=-516"		
Event # = 9057	DOY=189	S19W75	Pitch=+603", Yaw=-696", Roll=-20deg H. Ang=77deg
88/07/07, 23:47	Peak		
GOES 23:24	23:47	Qual=03	
HXRBS 23:25:06	23:25:20	Qual=01	
BCS 23:26	23:40	Qual=1	
FCS	23:49		
UVSP 23:43			
	Importance=C2		
	Peak...c/s=94		
	CaPeak.c/s=41		
	Wavelength=2788A		
	Code=00		
	Exp #=70198		
	FePeak.c/s=17		
	Rast=0"x0"		
	Rast=180"x1"		
	Step=0"		
	dt= 7.7s		
	XEN=818902		
	Cad=1.02s		
	Pitch=+483", Yaw=-519"		
HXRBS 23:36:38	23:37:49	23:37:54	23:37:59
	Peak...c/s=69	Associated	Event # = 9059
		Qual=01	Tot Cts=388
			MaxkeV=71

88/07/08 DOY=190									
Event # = 21779									
88/07/08,00:47		DOY=190							
Start		Peak							
GOES	00:43	00:47	00:59	00:59	CaPeak.c/s=27	Qual=00	FePeak=00:43	dt= 7.7s	XEN=819000
BCS						Qual=1	Rast=0"x0"	Step=0"	Cad=1.02s
FCS							Rast=10"x10"	Step=0"	Pitch=+563",Yaw=-745"
UVSP	00:45				Wavelength=1375A		Exp #=70202		
Event # = 9058									
88/07/08,03:39		DOY=190							
Start		Peak							
Optical					SMM Pointing:	S19W77		Pitch=+604",Yaw=-706",Roll=-20deg	H.Ang=79deg
GOES	03:32	03:39	04:01	04:01	Ha...Class=SF	S13W80	AR5060	Mac.=EKI	Carr.Lon.=2deg
HXRBS	03:32:29	03:34:47	03:39:27	03:39:27	Importance=C9	Qual=01			
BCS	03:34	03:38	03:47	03:47	Peak...c/s=609	Qual=01	Tot Cts=46347	MaxkeV=192	
FCS					CaPeak.c/s=401	Qual=1	FePeak=03:38	dt= 7.7s	XEN=819001
UVSP	03:35				Wavelength=1375A	Code=00	Exp #=70216	Step=0"	Cad=1.02s
Radio Sweeps					Type/Intensity:			Step=5"	Pitch=+563",Yaw=-750"
Radio	Frequency(MHz)/Flux(sfu):	245/1000	410/370	606/34	2695/69	8800/31			
Event # = 9198									
88/07/08,12:06		DOY=190							
Start		Peak							
Optical					SMM Pointing:	S19W81		Pitch=+604",Yaw=-717",Roll=-20deg	H.Ang=83deg
GOES	12:00	12:06	12:43	12:43	Ha...Class=SN	N11W90		Mac.=DSO	Carr.Lon.=7deg
HXRBS	11:50:02	12:02:23	12:14:49	12:14:49	Importance=M4	Qual=03			
GRS	12:02:00		12:04:00	12:04:00	Peak...c/s=1830	Qual=02	Tot Cts=2.62E+5	MaxkeV=363	Flags=M5,SA
UVSP	12:15				Wavelength=2788A	Code=02	Exp #=70246	Rast=180"x1"	Dur=120sec
Radio	Frequency(MHz)/Flux(sfu):	4995/73	8800/110	15400/100					
Event # = 9199									
88/07/08,16:05		DOY=190							
Start		Peak							
Optical					SMM Pointing:	S19W85		Pitch=+599",Yaw=-729",Roll=-20deg	H.Ang=86deg
GOES	16:01	16:05	16:12	16:12	Ha...Class=SF	N14W89	AR5062	Mac.=EKI	Carr.Lon.=4deg
HXRBS	16:02:57	16:03:30	16:04:59	16:04:59	Importance=C7	Qual=01			
UVSP	15:56				Peak...c/s=94	Qual=02	Tot Cts=2068	MaxkeV=71	H.Ang=88deg
					Wavelength=2788A	Code=00	Exp #=70251	Rast=180"x1"	Step=0"
Event # = 9201									
88/07/08,16:46		DOY=190							
Start		Peak							
Optical					SMM Pointing:	S19W85		Pitch=+599",Yaw=-729",Roll=-20deg	H.Ang=86deg
GOES	16:39	16:46	17:00	17:00	Ha...Class=SF	N14W90	AR5062	Mac.=EKI	Carr.Lon.=5deg
HXRBS	16:44:05	16:44:43	16:45:05	16:45:05	Importance=C3	Qual=01			
UVSP	16:57				Peak...c/s=58	Qual=01	Tot Cts=302	MaxkeV=71	H.Ang=89deg
					Wavelength=2788A		Exp #=70252	Rast=180"x1"	Step=0"
Event # = 9200									
88/07/08,17:50		DOY=190							
Start		Peak							
Optical					SMM Pointing:	S19W85		Pitch=+599",Yaw=-729",Roll=-20deg	H.Ang=86deg
GOES	17:48	17:50	18:06	18:06	Ha...Class=1N	N14W89	AR5062	Mac.=EKI	Carr.Lon.=3deg
HXRBS	17:49:44	17:50:12	17:51:55	17:51:55	Importance=C2	Qual=01			
UVSP	17:31				Peak...c/s=101	Qual=01	Tot Cts=1900	MaxkeV=71	H.Ang=88deg
					Wavelength=2788A	Code=01	Exp #=70253	Rast=180"x1"	Step=0"
								Pitch=+479",Yaw=-544"	

88/07/09 DOY=191									
Event # = 21780									
88/07/09, 01:41	DOY=191								
GOES	Start	End times							
BCS	01:40	01:58	Importance=C1	Qual=01					
FCS	01:39	01:43	CaPeak.c/s=37	Qual=1	FePeak=01:40	FePeak.c/s=16	#Peaks=1	dt= 7.7s	XEN=819100
UVSP	01:20		Wavelength=2788A	Code=01	Exp #=70263	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
						Rast=180"x1"	Step=0"	Pitch=+479"	Yaw=-574"
SMM Pointing:									
Event # = 9394									
88/07/09, 13:22	DOY=191								
Optical	Start	End times							
GOES	13:00	13:22	Ha...Class=SF	N23E08	AR5069	Mac.=DAI	Carr.Lon.=255deg	H.Ang=21deg	
HXRBS	13:19:09	13:33	Importance=C2	Qual=03		MaxkeV=71	Flags=I		
UVSP	13:20	13:19:14	Peak...c/s=63	Qual=01	Tot Cts=138	Rast=180"x1"	Step=0"	Pitch=+479"	Yaw=-574"
			Wavelength=2788A	Code=00	Exp #=70298				
				Associated	Event # = 9393				
HXRBS	13:17:13	13:17:36	Peak...c/s=58	Qual=01	Tot Cts=85	MaxkeV=71	Flags=I		
Radio Frequency(MHz)/Flux(sfu): 2695/34 8800/71									
Event # = 9202									
88/07/09, 23:46	DOY=191								
GOES	Start	End times							
HXRBS	23:33	23:46	Importance=M2	Qual=03		MaxkeV=131	Flags=M5		
UVSP	23:38:54	23:40:13	Peak...c/s=472	Qual=01	Tot Cts=69999	Rast=180"x1"	Step=0"	Pitch=+479"	Yaw=-574"
	23:17		Wavelength=2788A		Exp #=70311				
88/07/10 DOY=192									
Event # = 21781									
88/07/10, 20:32	DOY=192								
Optical	Start	End times							
GOES	20:24	20:32	Ha...Class=SF	N22W09	AR5069	Mac.=EHI	Carr.Lon.=255deg	H.Ang=20deg	
BCS	20:24	20:44	CaPeak.c/s=59	Qual=1	FePeak=20:30	FePeak.c/s=16	#Peaks=1	dt= 7.7s	XEN=819200
FCS			Wavelength=2788A	Qual=00	Exp #=70343	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
UVSP	20:39					Rast=180"x1"	Step=0"	Pitch=-108"	Yaw=-55"
88/07/11 DOY=193									
Event # = 9203									
88/07/11, 00:32	DOY=193								
GOES	Start	End times							
HXRBS	22:54:15	00:32:21	SMM Pointing:	N23W11		Pitch=-232"	Yaw=-269"	Roll=-20deg	H.Ang=22deg
UVSP	00:21	00:53:27	Peak...c/s=514	Qual=01	Tot Cts=86147	MaxkeV=192	Flags=M5		
			Wavelength=2788A	Qual=00	Exp #=70348	Rast=180"x1"	Step=0"	Pitch=-98"	Yaw=-83"
88/07/11, 04:29 DOY=193									
Event # = 21782									
88/07/11, 04:29	DOY=193								
GOES	Start	End times							
BCS	04:21	04:35	Importance=C3	Qual=01	FePeak=04:28	FePeak.c/s=11	#Peaks=1	dt= 7.7s	XEN=819300
FCS	04:24	04:34	CaPeak.c/s=29	Qual=1	Exp #=70352	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
UVSP	04:30		Wavelength=2788A	Code=02		Rast=180"x1"	Step=0"	Pitch=-87"	Yaw=-114"

Event # = 9204	DOY=193	SMM Pointing:	N23W15	Pitch=-231", Yaw=+309", Roll=90deg	H.Ang=24deg
88/07/11, 07:26	Peak	End times			
G0ES 07:24	07:26	07:38	Qual=01		
HXRBS 07:23:51	07:24:06	07:24:31	Importance=C1		
UVSP 07:15	07:24:06	07:24:31	Peak...c/s=63		
Radio Frequency(MHz)/Flux(sfu):			Wavelength=1375A	Step=0"	Pitch=-193", Yaw=+296"
			Code=00	MaxkeV=71	Rast=10"x10"
			245/140	Tot Cts=306	Exp #=70357
Event # = 21783	DOY=193				
88/07/11, 10:36	Peak	End times			
Optical					
G0ES 10:29	10:36	10:50	Ha...Class=SF		
BCS 10:33	10:37	10:46	Importance=C2		
FCS			CaPeak.c/s=35		
UVSP 10:15			Qual=1		
Radio Sweeps			Wavelength=2788A		
		Type/Intensity:	Code=00		
		V/1	Exp #=70366		
Event # = 21784	DOY=193				
88/07/11, 12:57	Peak	End times			
G0ES 12:46	12:57	13:31	Qual=05		
BCS 13:02	13:02	13:30	Importance=C2		
FCS			CaPeak.c/s=24		
UVSP 12:53			Qual=5		
			Wavelength=2788A		
			Code=00		
			Exp #=70369		
Event # = 21785	DOY=193				
88/07/11, 14:42	Peak	End times			
Optical					
G0ES 14:37	14:42	14:53	Ha...Class=SF		
BCS 14:41	14:43	15:05	Importance=C2		
FCS			CaPeak.c/s=20		
UVSP 14:26			Qual=4		
			Wavelength=2788A		
			Code=01		
			Exp #=70371		
Event # = 21786	DOY=193				
88/07/11, 16:38	Peak	End times			
G0ES 16:18	16:38	17:18	Qual=03		
BCS 16:29	16:29	16:37	Importance=C2		
FCS			CaPeak.c/s=18		
UVSP 17:03			Qual=1		
			Wavelength=2788A		
			Code=01		
			Exp #=70374		
Event # = 21787	DOY=193				
88/07/11, 19:28	Peak	End times			
Optical					
G0ES 19:23	19:28	19:52	Ha...Class=SF		
BCS 19:25	19:27	19:33	Importance=C1		
FCS			CaPeak.c/s=30		
UVSP 19:08			Qual=1		
			Wavelength=2788A		
			Code=01		
			Exp #=70377		
Event # = 21788	DOY=193				
88/07/11, 20:08	Peak	End times			
Optical					
G0ES 20:03	20:08	20:32	Ha...Class=SF		
BCS 20:05	20:07	20:31	Importance=C1		
FCS			CaPeak.c/s=30		
UVSP 20:00			Qual=1		
			Wavelength=2788A		
			Code=01		
			Exp #=70380		

88/07/12 DOY=194									
Event # = 9208		88/07/12, 04:56		DOY=194	SMM Pointing:		N23W27	Pitch=-161", Yaw=-475", Roll=-20deg H. Ang=32deg	
GOES		Start		Peak	End times				
HXRBS		04:56:01		04:56:29	04:57:19		Qual=00		
UVSP		05:35					Peak...c/s=58		
							Wavelength=2788A		
Tot Cts=367									
Exp # = 70388									
88/07/12, 19:18 DOY=194									
Event # = 9215		88/07/12, 19:18		DOY=194	SMM Pointing:		S20E69	Pitch=+40", Yaw=+898", Roll=-20deg H. Ang=72deg	
Optical		Start		Peak	End times				
GOES		19:10		19:18	19:33		N30E03		
HXRBS		19:12:23		19:12:31	19:12:52		Qual=03		
UVSP		19:39					Qual=01		
							Ha...Class=SF		
							Importance=C2		
							Peak...c/s=60		
							Wavelength=2788A		
Tot Cts=115							AR5073		
Exp # = 70419									
88/07/12, 22:50 DOY=194									
Event # = 21788		88/07/12, 22:50		DOY=194	SMM Pointing:				
GOES		21:55		22:50	22:52		Qual=00		
BCS							Qual= 2		
FCS							CaPeak.c/s=43		
UVSP		22:50					Wavelength=1375A		
FePeak.c/s=19									
Rast=0"x0"									
Rast=130"x130"									
Exp # = 70429									
88/07/12, 23:35 DOY=194									
Event # = 21789		88/07/12, 23:35		DOY=194	SMM Pointing:				
GOES		23:21		23:35	00:29		Qual=04		
BCS		23:29		23:36	00:16		Qual= 5		
FCS							Importance=C3		
UVSP		23:33					CaPeak.c/s=82		
							Wavelength=1375A		
FePeak.c/s=16									
Rast=0"x0"									
Rast=130"x130"									
Exp # = 70431									
88/07/13 DOY=195									
Event # = 9216		88/07/13, 01:45		DOY=195	SMM Pointing:		S20E67	Pitch=+45", Yaw=+888", Roll=-20deg H. Ang=70deg	
Optical		Start		Peak	End times				
GOES		01:42		01:45	01:53		S22E66		
HXRBS		01:42:46		01:42:53	01:43:15		Qual=01		
BCS		01:03		01:45	02:00		Qual=01		
FCS							Qual= 1		
UVSP		01:41					CaPeak.c/s=68		
							Wavelength=1375A		
FePeak.c/s=14									
Rast=0"x0"									
Rast=130"x130"									
Exp # = 70443									
88/07/13, 03:11 DOY=195									
Event # = 21790		88/07/13, 03:11		DOY=195	SMM Pointing:				
GOES		03:00		03:11	03:20		Qual=01		
BCS		03:09		03:09	03:15		Qual= 4		
FCS							Importance=C2		
UVSP		02:58					CaPeak.c/s=18		
							Wavelength=1375A		
FePeak.c/s=6									
Rast=0"x0"									
Rast=130"x130"									
Exp # = 70449									
FePeak.c/s=1									
Rast=0"x0"									
Rast=130"x130"									
Exp # = 70449									
dt= 7.7s									
Cad=1.02s									
Pitch=+92", Yaw=+885"									
XEN=819501									
1.024s/pixel									

Event # = 9209	D0Y=195 Peak	SMM Pointing:	S20E65	Pitch=+51", Yaw=+877", Roll=-20deg	H.Ang=68deg
88/07/13, 04:31 Start	End times				
G0ES 04:10 04:44	04:31 04:44	Importance=C7	Qual=01		
G0ES 04:28:04 04:31:10	04:29:36 04:31:10	Peak...c/s=347	Qual=01	Flags=M5, I, ND	
UVSP 04:30		Wavelength=1375A	Code=00	Rast=265"x265" Step=5" Pitch=+63" Yaw=+882"	
			Associated		
			Qual=1		
BBCS 04:19 04:36	04:27 04:36	CaPeak.c/s=39		FePeak.c/s=10 dt= 7.7s XEN=819502	
FCS 04:15		Wavelength=1375A		Rast=0"x0" Cad=1.02s 1.024s/pixel	
UVSP 04:15				Rast=10"x10" Pitch=+89" Yaw=+876"	
Event # = 9211					
88/07/13, 04:50 Start	End times				
G0ES 04:49 04:54	04:50 04:54	Importance=C2	Qual=01	Pitch=+51", Yaw=+877", Roll=-20deg	H.Ang=68deg
G0ES 04:48:04 04:49:25	04:48:53 04:49:25	Peak...c/s=60	Qual=01		
BBCS 04:47 04:54	04:50 04:54	CaPeak.c/s=31	Qual=1	MaxkeV=71 dt= 7.7s XEN=819503	
FCS 04:50				FePeak.c/s=8 Cad=1.02s 1.024s/pixel	
UVSP 04:50		Wavelength=1375A	Code=02	Rast=10"x10" Pitch=+96" Yaw=+869"	
			Associated		
			Qual=01		
HXRBS 04:46:37 04:47:37	04:47:20 04:47:37	Peak...c/s=55		MaxkeV=71 dt= 7.7s XEN=819503	
UVSP 04:46		Wavelength=1375A		Rast=265"x265" Step=5" Pitch=+63" Yaw=+882"	
Event # = 9212					
88/07/13, 06:16 Start	End times				
Optical 06:10 06:20	06:16 06:20	Ha...Class=SN	N24E02	Pitch=+56", Yaw=+867", Roll=-20deg	H.Ang=67deg
G0ES 06:12:32 06:13:46	06:13:16 06:13:46	Importance=C2	Qual=01	Mac.=DAI Carr.Lon.=212deg	H.Ang=20deg
HXRBS 06:12:32 06:13:46	06:13:16 06:13:46	Peak...c/s=112	Qual=01		
UVSP 06:13		Wavelength=1375A	Code=00	MaxkeV=131 dt= 7.7s XEN=819504	
				Rast=10"x10" Pitch=+93" Yaw=+870"	
Event # = 9213					
88/07/13, 08:13 Start	End times				
G0ES 08:10 08:18	08:13 08:18	Importance=88	Qual=03	Pitch=+78", Yaw=-352", Roll=90deg	H.Ang=66deg
HXRBS 08:10:43 08:11:13	08:10:53 08:11:13	Peak...c/s=96	Qual=01		
UVSP 08:05		Wavelength=1375A	Code=00	MaxkeV=131 dt= 7.7s XEN=819504	
Radio Sweeps 08:05		I11/2		Rast=10"x10" Pitch=+778" Yaw=-386"	
Radio Frequency(MHz)/Flux(sfu): 410/60	Type/intensity:				
Event # = 9214					
88/07/13, 09:49 Start	End times				
G0ES 09:45 09:49	09:49 09:49	Importance=C1	Qual=01	Pitch=+64", Yaw=+849", Roll=-20deg	H.Ang=64deg
HXRBS 09:46:32 09:48:15	09:46:53 09:48:15	Peak...c/s=173	Qual=01		
UVSP 09:39		Wavelength=1375A	Code=00	MaxkeV=131 dt= 7.7s XEN=819504	
				Rast=10"x10" Pitch=+107" Yaw=+855"	
Event # = 21792					
88/07/13, 17:00 Start	End times				
Optical 16:48 17:05	17:00 17:05	Ha...Class=SF	S20E58	Mac.=EK0 Carr.Lon.=150deg	H.Ang=62deg
G0ES 16:48 17:05	17:00 17:05	Importance=C1	Qual=01		
BBCS 16:59 17:05	17:00 17:05	CaPeak.c/s=18	Qual=4	FePeak.c/s=7 dt= 7.7s XEN=819504	
FCS 16:59 17:05	16:59 17:05			Rast=0"x0" Cad=1.02s 1.024s/pixel	
UVSP 16:37		Wavelength=2788A		Rast=180"x1" Pitch=0" Step=0" Pitch=+42" Yaw=+755"	



Event # = 21793									
88/07/13, 18:52	DOY=195	Start	Peak	End times					
GOES 18:25	18:52	19:15	19:15	CaPeak.c/s=37	Qual=00	FePeak=18:55	FePeak.c/s=12	#Peaks=1	dt= 7.7s XEN=819505
BCS					Qual= 1		Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
FCS						Exp #=70493	Rast=180"x1"	Step=0"	Pitch=-37", Yaw=+745"
UVSP 19:08				Wavelength=2788A					
Event # = 21794									
88/07/13, 20:08	DOY=195	Start	Peak	End times					
GOES 19:51	20:08	20:35	20:35	CaPeak.c/s=35	Qual=00	FePeak=19:51	FePeak.c/s=11	#Peaks=1	dt= 7.7s XEN=819506
BCS					Qual= 1		Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
FCS						Exp #=70494	Rast=180"x1"	Step=0"	Pitch=-35", Yaw=+742"
UVSP 19:45				Wavelength=2788A					
88/07/14 DOY=196									
Event # = 21795									
88/07/14, 17:19	DOY=196	Start	Peak	End times					
Optical				Ha...Class=SF	S19E46	AR5075	Mac.=EKI	Carr. Lon.=149deg	H. Ang=51deg
GOES 16:58	17:19	18:19	18:19	Importance=C1	Qual=02		FePeak.c/s=6	#Peaks=1	dt= 7.7s XEN=819600
BCS 17:08	17:08	17:10	17:10	CaPeak.c/s=18	Qual= 2	FePeak=17:08	Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
FCS							Rast=180"x1"	Step=0"	Pitch=+15", Yaw=+637"
UVSP 17:05				Wavelength=2788A	Code=01	Exp #=70542			
Event # = 9217									
88/07/14, 19:55	DOY=196	Start	Peak	End times					
GOES 19:52	19:55	20:01	20:01	SMM Pointing:	S20E43		Pitch=+140", Yaw=+699", Roll=-20deg		H. Ang=49deg
HXRBS 19:52:10	19:52:21	19:52:46	20:01	Importance=C1	Qual=01				
BCS 19:53	19:54	20:01	20:01	Peak...c/s=78	Qual=01	Tot Cts=346	MaxkeV=71	#Peaks=1	dt= 7.7s XEN=819601
FCS				CaPeak.c/s=25	Qual= 4	FePeak=19:57	FePeak.c/s=13	Step=0"	Cad=1.02s 1.024s/pixel
UVSP 19:54				Wavelength=2788A	Code=00	Exp #=70549	Rast=180"x1"	Step=0"	Pitch=+22", Yaw=+622"
Event # = 21796									
88/07/14, 20:08	DOY=196	Start	Peak	End times					
GOES 20:07	20:08	20:14	20:14	Importance=C1	Qual=01	FePeak=20:08	FePeak.c/s=11	#Peaks=1	dt= 7.7s XEN=819602
BCS 20:07	20:08	20:12	20:12	CaPeak.c/s=31	Qual= 1		Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
FCS							Rast=180"x1"	Step=0"	Pitch=+23", Yaw=+620"
UVSP 20:12				Wavelength=2788A	Code=02	Exp #=70550			
88/07/16 DOY=198									
Event # = 9218									
88/07/16, 09:22	DOY=198	Start	Peak	End times					
GOES 09:18	09:22	09:25	09:25	SMM Pointing:	S20E22		Pitch=+246", Yaw=+451", Roll=-20deg		H. Ang=33deg
HXRBS 09:18:32	09:18:44	09:19:03	09:25	Importance=B8	Qual=01				
UVSP 09:11	09:18:32	09:19:03	09:25	Peak...c/s=72	Qual=01	Tot Cts=293	MaxkeV=71	Step=0"	Pitch=+233", Yaw=+407"
Radio Sweeps				Wavelength=1375A	Code=00	Exp #=70633	Rast=10"x10"		
Radio Frequency (MHz)/Flux(sfu):				III/2					
				606/64					

Event # = 21797									
88/07/16, 13:00	DOY=198								
Start	Peak								
GOES 12:43	13:00	End times							
BCS 12:53	13:01	13:34							
FCS		13:02	Importance=C1	Qual=03	FePeak=12:55	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=819800
UVSP 12:54			CaPeak.c/s=24	Qual= 2	Exp #=70650	Rast=10"x10"	Step=0"	Cad=1.02s	1.024s/pixel
			Wavelength=1375A	Code=00			Step=0"	Pitch=+169"	Yaw=+480"
Event # = 9220									
88/07/16, 15:46	DOY=198								
Start	Peak								
Optical			SMM Pointing:	S20E19		Pitch=+265"	Yaw=+405"	Roll=-20deg	H.Ang=31deg
GOES 15:44	15:46	End times	Ha...Class=SF	S25E21	AR5075	Mac.=EKI	Carr.Lon.=148deg		H.Ang=36deg
GOES 15:44:28	15:45:10	15:55	Importance=C2	Qual=01					
HXRBS 15:44:28	15:45:10	15:45:53	Peak...c/s=166	Qual=01	Tot Cts=3093	MaxkeV=71			
BCS 15:44	15:46	15:51	CaPeak.c/s=122	Qual= 1	FePeak=15:45	FePeak.c/s=38	#Peaks=1	dt= 7.7s	XEN=819801
FCS						Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
UVSP 15:46			Wavelength=1375A	Code=02	Exp #=70663	Rast=200"x200"	Step=5"	Pitch=+274"	Yaw=+414"
Event # = 9221									
88/07/16, 17:09	DOY=198								
Start	Peak								
Optical			SMM Pointing:	S20E18		Pitch=+270"	Yaw=+393"	Roll=-20deg	H.Ang=30deg
GOES 16:48	17:09	End times	Ha...Class=SF	S15E24	AR5076	Carr.Lon.=145deg			H.Ang=31deg
GOES 16:52:33	16:53:34	17:40	Importance=C3	Qual=01					
HXRBS 16:52:33	16:53:34	16:57:46	Peak...c/s=69	Qual=01	Tot Cts=2687	MaxkeV=71	#Peaks=1	dt= 7.7s	XEN=819802
BCS 16:53	17:08	17:34	CaPeak.c/s=85	Qual= 1	FePeak=17:05	FePeak.c/s=12	Step=0"	Cad=1.02s	1.024s/pixel
FCS						Rast=0"x0"	Step=0"	Pitch=+263"	Yaw=+354"
UVSP 17:06			Wavelength=1375A	Code=00	Exp #=70670	Rast=10"x10"			
Event # = 9222									
88/07/16, 22:03	DOY=198								
Start	Peak								
Optical			SMM Pointing:	S20E16		Pitch=+283"	Yaw=+358"	Roll=-20deg	H.Ang=29deg
GOES 22:00	22:03	End times	Importance=C1	Qual=01					
HXRBS 22:00:55	22:01:08	22:01:58	Peak...c/s=62	Qual=01	Tot Cts=582	MaxkeV=71	Step=0"	Pitch=+165"	Yaw=+281"
UVSP 22:20			Wavelength=2788A		Exp #=70680	Rast=180"x1"			
Radio Sweeps	Type/Intensity:		III/3 V/2						
Radio Frequency(MHz)/Flux(sfu):	245/140								
Event # = 9223									
88/07/17, 05:51	DOY=199								
Start	Peak								
Optical			SMM Pointing:	S20E11		Pitch=+307"	Yaw=+298"	Roll=-20deg	H.Ang=27deg
GOES 05:49	05:51	End times	Importance=C6	Qual=01					
HXRBS 05:49:44	05:49:55	05:50:14	Peak...c/s=67	Qual=01	Tot Cts=305	MaxkeV=71	Step=0"	Pitch=+297"	Yaw=+255"
UVSP 05:48			Wavelength=1375A	Code=00	Exp #=70692	Rast=10"x10"			
Radio Sweeps	Type/Intensity:		III/3						
Radio Frequency(MHz)/Flux(sfu):	245/420								
Event # = 9224									
88/07/17, 10:56	DOY=199								
Start	Peak								
Optical			SMM Pointing:	S20E09		Pitch=+321"	Yaw=+261"	Roll=-20deg	H.Ang=26deg
GOES 10:54	10:56	End times	Importance=C1	Qual=01					
HXRBS 10:56:05	10:56:15	10:57:02	Peak...c/s=99	Qual=01	Tot Cts=973	MaxkeV=101	#Peaks=1	dt= 7.7s	XEN=819900
BCS 10:56	10:57	10:58	CaPeak.c/s=41	Qual= 1	FePeak=10:57	FePeak.c/s=11	Step=0"	Cad=1.02s	1.024s/pixel
FCS						Rast=0"x0"	Step=0"	Pitch=+320"	Yaw=+183"
UVSP 10:51			Wavelength=1375A	Code=00	Exp #=70715	Rast=10"x10"			

Event # = 9225									
88/07/17, 13:37	Start	DOY=199	End times	SMM Pointing:	S20E07		Pitch=+330", Yaw=+237", Roll=-20deg	H. Ang=25deg	
Optical		Peak					Mac.=EKI	Carr. Lon.=152deg	H. Ang=26deg
GOES 13:32	13:37	14:01		Ha...Class=SF	S21E05	AR5075			
GOES 13:30:43	13:32:34	13:34:42		Importance=C2	Qual=01				
HXRBS 13:32	13:35	13:46		Peak...c/s=219	Qual=01	Tot Cts=10686			
BCS 13:32	13:35	13:46		CaPeak.c/s=92	Qual=1	FePeak=13:34			
FCS									
UVSP 13:28				Wavelength=1375A	Code=00	Exp #=70725			
Radio				Frequency(MHz)/Flux(sfu):	4995/100 8800/170 15400/60				
Event # = 21798									
88/07/17, 16:57	Start	DOY=199	End times						
GOES 16:17	16:57	17:15		CaPeak.c/s=112	Qual=00	FePeak=16:52			
BCS									
UVSP 17:09				Wavelength=2788A		Exp #=70739			
Event # = 9226									
88/07/17, 19:47	Start	DOY=199	End times	SMM Pointing:	S20E04		Pitch=+349", Yaw=+188", Roll=-20deg	H. Ang=25deg	
GOES 19:43	19:47	20:05		Importance=C1	Qual=01				
HXRBS 19:43:41	19:44:23	19:45:33		Peak...c/s=125	Qual=01	Tot Cts=2178			
BCS 19:45	19:46	19:50		CaPeak.c/s=40	Qual=1	FePeak=19:45			
FCS									
UVSP 19:20				Wavelength=2788A		Exp #=70742			
Event # = 9230									
88/07/17, 20:22	Start	DOY=199	End times	SMM Pointing:	S20E04		Pitch=+349", Yaw=+188", Roll=-20deg	H. Ang=25deg	
GOES 20:20	20:22	20:25		Importance=87	Qual=03				
HXRBS 20:20:47	20:21:11	20:21:28		Peak...c/s=47	Qual=01	Tot Cts=153			
UVSP 20:17				Wavelength=2788A	Code=00	Exp #=70743			
Event # = 9227									
88/07/18, 00:16	Start	DOY=200	End times	SMM Pointing:	S20E01		Pitch=+363", Yaw=+151", Roll=-20deg	H. Ang=25deg	
GOES 00:13	00:16	00:25		Importance=89	Qual=01				
HXRBS 00:14:03	00:14:11	00:14:26		Peak...c/s=72	Qual=01	Tot Cts=269			
UVSP 00:02				Wavelength=2788A	Code=01	Exp #=70748			
Event # = 9228									
88/07/18, 00:31	Start	DOY=200	End times	SMM Pointing:	S20E01		Pitch=+363", Yaw=+151", Roll=-20deg	H. Ang=25deg	
Optical							Mac.=EKI	Carr. Lon.=149deg	H. Ang=29deg
GOES 00:26	00:31	00:39		Ha...Class=SF	S24E02	AR5075			
GOES 00:26:16	00:26:41	00:27:43		Importance=C1	Qual=01				
HXRBS 00:28	00:29	00:34		Peak...c/s=118	Qual=01	Tot Cts=1804			
BCS 00:28	00:29	00:34		CaPeak.c/s=44	Qual=1	FePeak=00:28			
FCS									
UVSP 00:59				Wavelength=2788A		Exp #=70749			
Radio				Type/Intensity:	111/2				
Radio Sweeps				Frequency(MHz)/Flux(sfu):	8800/61				
HXRBS 00:29:15	00:30:51	00:31:05		Peak...c/s=58	Qual=01	Event # = 9229			
				Associated		Tot Cts=538			
							MaxkeV=71		

Event # = 9231														
88/07/18, 03:20	DOY=200	SMM Pointing:		S20W01	Pitch=+372", Yaw=+126", Roll=-20deg		H.Ang=25deg							
Start	Peak	End times			Carr. Lon.=158deg		H.Ang=26deg							
Optical		Ha....Class=SF		AR5075	MaxkeV=71		Step=0" Pitch=+405", Yaw=+44"							
GOES 03:18	03:20	Importance=C1			Rast=10"x10"									
HXRBS 03:19:05	03:19:53	Peak...c/s=77		Tot Cts=675										
UVSP 03:20		Wavelength=1375A		Exp #=70753										
Radio	Frequency(MHz)/Flux(sfu):		245/34 410/44 606/480											
Event # = 9232														
88/07/18, 16:08	DOY=200	SMM Pointing:		S20W07	Pitch=+409", Yaw=+28", Roll=-20deg		H.Ang=26deg							
Start	Peak	End times			Carr. Lon.=162deg		H.Ang=27deg							
Optical		Ha....Class=1F		AR5075	MaxkeV=71		#Peaks=1 dt= 7.7s XEN=820001							
GOES 15:56	16:08	Importance=C6			FePeak.c/s=56		Step=0" Cad=1.02s 1.024s/pixel							
HXRBS 16:01:11	16:03:17	Peak...c/s=121		Tot Cts=6543	Rast=0"x0"		Step=0" Pitch=+288", Yaw=+214"							
BCS 16:00	16:06	CaPeak.c/s=224		FePeak=16:06										
FCS		Wavelength=2788A		Exp #=70800										
UVSP 15:41														
Event # = 9233														
88/07/18, 16:29	DOY=200	SMM Pointing:		S20W07	Pitch=+409", Yaw=+28", Roll=-20deg		H.Ang=26deg							
Start	Peak	End times			Carr. Lon.=157deg		H.Ang=29deg							
Optical		Ha....Class=1F		AR5075	MaxkeV=257		#Peaks=1 dt= 7.7s XEN=820002							
GOES 16:24	16:29	Importance=C5			FePeak.c/s=27		Step=0" Cad=1.02s 1.024s/pixel							
HXRBS 16:24:56	16:26:08	Peak...c/s=2254		Tot Cts=62809	Rast=0"x0"		Step=0" Pitch=+291", Yaw=+206"							
BCS 16:26	16:27	CaPeak.c/s=123		FePeak=16:27										
FCS		Wavelength=2788A		Exp #=70801										
UVSP 16:39		Type/Intensity: V/2												
Radio	Frequency(MHz)/Flux(sfu):		245/500 410/2300 606/8200 1415/180 2695/280 4995/340 8800/140 15400/81											
88/07/19 DOY=201														
Event # = 9234														
88/07/19, 00:37	DOY=201	SMM Pointing:		S20W12	Pitch=+430", Yaw=-34", Roll=-20deg		H.Ang=27deg							
Start	Peak	End times			Carr. Lon.=157deg		H.Ang=34deg							
Optical		Ha....Class=1N		AR5075	MaxkeV=131		#Peaks=1 dt= 7.7s XEN=820100							
GOES 00:25	00:37	Importance=C9			FePeak.c/s=97		Step=0" Cad=1.02s 1.024s/pixel							
HXRBS 00:25:41	00:27:05	Peak...c/s=232		Tot Cts=19531	Rast=0"x0"		Step=0" Pitch=+312", Yaw=+145"							
BCS 00:28	00:33	CaPeak.c/s=349		FePeak=00:33										
FCS		Wavelength=2788A		Exp #=70811										
UVSP 00:28		Frequency(MHz)/Flux(sfu):		606/130 2695/54 4995/86 8800/49										
Radio	Frequency(MHz)/Flux(sfu):		245/55 8800/81											
Event # = 9235														
88/07/19, 01:45	DOY=201	SMM Pointing:		S20W12	Pitch=+435", Yaw=-46", Roll=-20deg		H.Ang=28deg							
Start	Peak	End times			Carr. Lon.=149deg		H.Ang=28deg							
Optical		Ha....Class=SF		AR5075	MaxkeV=101		Step=3" Pitch=+442", Yaw=-34"							
GOES 01:42	01:45	Importance=C2			Rast=243"x243"									
HXRBS 01:42:21	01:42:58	Peak...c/s=3527		Tot Cts=295										
UVSP 01:14		Wavelength=2788A		Exp #=70812										
Radio	Frequency(MHz)/Flux(sfu):		245/55 8800/81											



88/07/20 DOY=202									
Event # = 9241	88/07/20,09:32	DOY=202	SMM Pointing:	S20W29		Pitch=+513", Yaw=-279", Roll=-20deg	H.Ang=38deg		
Optical	Start	Peak	End times						
GOES	09:25	09:32	09:40	S24W37	AR5075	Mac.=EKI	Carr. Lon.=157deg	H.Ang=46deg	
GOES	09:25	09:27	09:28	Qual=02		MaxkeV=131			
GOES	09:25	09:27	09:28	Qual=01	Tot Cts=4758	Rast=200"x200"	Step=5"	Pitch=+522", Yaw=-273"	
GOES	09:30			Code=01	Exp #=70907				
Radio	Frequency (MHz)/Flux(sfu):		245/160 410/81						
Event # = 9244									
88/07/20,18:44	DOY=202	SMM Pointing:	S20W35			Pitch=+533", Yaw=-343", Roll=-20deg	H.Ang=42deg		
GOES	Start	Peak	End times						
GOES	18:41	18:44	18:46	Qual=01		MaxkeV=71			
GOES	18:43	18:44	18:44:50	Qual=01	Tot Cts=586	Rast=40"x40"	Step=5"	Pitch=+579", Yaw=-388"	
GOES	18:04			Code=00	Exp #=70923				
Event # = 9245									
88/07/20,18:49	DOY=202	SMM Pointing:	S20W35			Pitch=+533", Yaw=-343", Roll=-20deg	H.Ang=42deg		
Optical	Start	Peak	End times						
GOES	18:47	18:49	18:51	Qual=01	AR5075	Mac.=EKI	Carr. Lon.=159deg	H.Ang=51deg	
GOES	18:49	18:49:03	18:49:49	Qual=01	Tot Cts=224	MaxkeV=71			
GOES	18:04			Code=00	Exp #=70923	Rast=40"x40"	Step=5"	Pitch=+579", Yaw=-388"	
Event # = 9246									
88/07/21,07:12	DOY=203	SMM Pointing:	S20W42			Pitch=+557", Yaw=-427", Roll=-20deg	H.Ang=48deg		
Optical	Start	Peak	End times						
GOES	07:08	07:12	07:23	S19W49	AR5075	Mac.=EKI	Carr. Lon.=157deg	H.Ang=54deg	
GOES	07:06	07:08	07:17:09	Qual=01		MaxkeV=131	Flags=DG		
GOES	07:09	07:11	07:16	Qual=11	Tot Cts=4608	FePeak.c/s=12	#Peaks=1	dt= 7.7s	XEN=820300
GOES	07:09	07:11	07:16	Qual=1	FePeak=07:10	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
GOES	07:20			Code=02	Exp #=70961	Rast=180"x1"	Step=0"	Pitch=+437", Yaw=-243"	
Radio	Type/Intensity:		111/3						
Radio	Frequency (MHz)/Flux(sfu):		245/220 410/1000 606/210 2695/76 8800/44 15400/27						
Event # = 12767									
88/07/21,08:20	DOY=203	SMM Pointing:	S20W42			Pitch=+557", Yaw=-427", Roll=-20deg	H.Ang=48deg		
Optical	Start	Peak	End times						
GOES	08:20	08:20:27	08:21:00	Qual=01	Tot Cts=182	MaxkeV=599	Flags=NS,GB		
GOES	08:20	08:20:27	08:21:00	Qual=01	Exp #=70962	Rast=180"x1"	Step=0"	Pitch=+440", Yaw=-253"	
GOES	08:54			Code=02					
Event # = 9248									
88/07/22,01:59	DOY=204	SMM Pointing:	N05W00			Pitch=+0", Yaw=+0", Roll=0deg	H.Ang=0deg		
Optical	Start	Peak	End times						
GOES	01:51	01:59	02:05	S17W58	AR5075	Mac.=EKI	Carr. Lon.=155deg	H.Ang=61deg	
GOES	01:54	01:54:39	01:56:49	Qual=01		MaxkeV=71			
GOES	01:54	01:54:39	01:56:49	Qual=01	Tot Cts=620				
GOES	01:54	01:54:39	01:56:49	Qual=01					
Radio	Type/Intensity:		111/3						
Radio	Frequency (MHz)/Flux(sfu):		245/100 410/58 606/45						

Event # = 9249									
88/07/22, 11:24	Start	DOY=204	End times	SMM Pointing:	N05W00	Pitch=+1" , Yaw=+3" , Roll=0deg	H. Ang=0deg		
Optical		Peak							
G0ES	11:07	11:24	11:59	Ha...Class=SF	S20E88				
HXRBS	11:08:56	11:14:34	11:23:35	Importance=C7	Qual=03	Carr. Lon.=4deg	H. Ang=90deg		
Radio	Frequency(MHz)/Flux(sfu):			Peak...c/s=286	Qual=01				
				410/82					
Event # = 9250									
88/07/22, 13:03	Start	DOY=204	End times	SMM Pointing:	N05W00	Pitch=+0" , Yaw=+0" , Roll=-7deg	H. Ang=0deg		
G0ES	13:00	13:03	13:05	Importance=C1	Qual=01				
HXRBS	13:01:32	13:01:43	13:02:28	Peak...c/s=53	Qual=01				
UVSP	13:52			Wave length=2788A					
Radio	Frequency(MHz)/Flux(sfu):			606/110					
Event # = 9251									
88/07/22, 16:57	Start	DOY=204	End times	SMM Pointing:	S20W60	Pitch=+602" , Yaw=-598" , Roll=-20deg	H. Ang=64deg		
G0ES									
HXRBS	16:57:28	16:57:50	16:58:10	Peak...c/s=71	Qual=00				
UVSP	16:50			Wave length=2788A	Qual=02				
Event # = 9252									
88/07/22, 17:01	Start	DOY=204	End times	SMM Pointing:	S20W60	Pitch=+602" , Yaw=-598" , Roll=-20deg	H. Ang=64deg		
Optical									
G0ES	17:00	17:01	17:03	Ha...Class=SF	S22W67				
HXRBS	17:01:08	17:01:17	17:01:40	Importance=C1	Qual=01	Mac.=EKI	H. Ang=71deg		
UVSP	16:50			Peak...c/s=100	Qual=01				
				Wave length=2788A	Code=00				
Event # = 9254									
88/07/22, 19:22	Start	DOY=204	End times	SMM Pointing:	S20W61	Pitch=+603" , Yaw=-609" , Roll=-20deg	H. Ang=65deg		
G0ES	19:15	19:22	19:44	Importance=C1	Qual=03				
HXRBS	19:15:21	19:16:35	19:16:54	Peak...c/s=50	Qual=01				
UVSP	19:21			Wave length=2788A	Code=00				
Event # = 9253									
88/07/22, 22:19	Start	DOY=204	End times	SMM Pointing:	S20W63	Pitch=+606" , Yaw=-620" , Roll=-20deg	H. Ang=66deg		
G0ES	21:57	22:19	23:05	Importance=C1	Qual=03				
HXRBS	22:14:16	22:16:25	22:17:21	Peak...c/s=97	Qual=01				
UVSP	23:05			Wave length=2788A					
Radio	Sweeps	Type/Intensity:		111/1					

88/07/23		DOY=205	
Event # = 21799	DOY=205		
88/07/23, 13:18	Peak		
Optical	End times		
GOES 13:13	13:18		
BCS 13:19	13:33		
FCS 13:19	13:33		
UVSP 13:13	13:33		
Radio Sweeps	Type/Intensity:		
Radio Frequency (MHz)/Flux(sfu):	245/700		
Ha...Class=1F	Importance=C2		
CaPeak.c/s=63	Qual=5		
Wavelength=2788A	Code=00		
Exp #=71012			
Mac.=FHO			
Carr.Lon.=144deg			
H.Ang=69deg			
#Peaks=1	dt= 7.7s		
Step=0"	Cad=1.02s		
Rast=180"x1"	Pitch=+492"		
Yaw=-486"			
FePeak.c/s=9			
Rast=0"x0"			
Step=0"			
Pitch=-36"	Yaw=+947"		
Roll=-20deg			
Mac.=DSO			
Carr.Lon.=9deg			
H.Ang=67deg			
MaxkeV=71			
Rast=180"x1"			
Step=0"	Pitch=-155"		
Yaw=+873"			
Tot Cts=368			
Exp #=71014			
Event # = 9255			
88/07/23, 15:14	DOY=205		
Start	Peak		
Optical	End times		
GOES 15:01	15:16		
HRBS 15:12:15	15:13:32		
UVSP 14:45	15:13:32		
Ha...Class=SF	Importance=C1		
Peak...c/s=57	Qual=01		
Wavelength=2788A			
Exp #=71019			
Mac.=DSO			
Carr.Lon.=11deg			
H.Ang=64deg			
MaxkeV=71			
Rast=180"x1"			
Step=0"	Pitch=-155"		
Yaw=+873"			
Tot Cts=1105			
Exp #=71019			
Event # = 9449			
88/07/24, 07:03	DOY=206		
Start	Peak		
Optical	End times		
GOES 06:37	07:03		
HRBS 06:38:18	06:47:16		
BCS 06:39	06:59		
FCS 06:39	07:30		
UVSP 06:54	07:30		
Radio Sweeps	Type/Intensity:		
Radio Frequency (MHz)/Flux(sfu):	1415/340		
Wavelength=1375A	Code=00		
Exp #=71046			
Mac.=DSO			
Carr.Lon.=153deg			
H.Ang=81deg			
MaxkeV=71			
Rast=180"x1"			
Step=0"	Pitch=-155"		
Yaw=+873"			
Tot Cts=2.54E+5			
FePeak.c/s=291			
Rast=0"x0"			
Step=0"			
Pitch=-40"	Yaw=+889"		
Flags=M5,I,DG			
#Peaks=1	dt= 7.7s		
Step=0"	Cad=186s		
Rast=130"x130"	Pitch=-40"		
Yaw=+889"			
FePeak.c/s=10			
Rast=0"x0"			
Step=0"			
Pitch=-155"	Yaw=+873"		
Exp #=71052			
Event # = 21801			
88/07/24, 11:18	DOY=206		
Start	Peak		
GOES 11:15	11:18		
BCS 11:15	12:11		
FCS 11:09	12:11		
UVSP 11:09	12:11		
CaPeak.c/s=37	Qual=5		
Wavelength=2788A			
Exp #=71054			
FePeak.c/s=7			
Rast=0"x0"			
Step=0"			
Pitch=-155"	Yaw=+873"		
#Peaks=1	dt= 7.7s		
Step=0"	Cad=1.02s		
Rast=180"x1"	Pitch=-155"		
Yaw=+873"			
FePeak.c/s=10			
Rast=0"x0"			
Step=0"			
Pitch=-155"	Yaw=+873"		
Exp #=71052			



Event # = 9257									
88/07/24, 16:05		DOY=206	SMM Pointing:		S20E84	Pitch=+16" ,Yaw=+944" ,Roll=-20deg		H.Ang=86deg	
Optical		End times	Ha...Class=1N		S22W36	Mac.=CR0		H.Ang=45deg	
G0ES 15:59		16:05	Importance=C4		Qual=01	Carr.Lon.=99deg			
HXRBS 15:59:42		16:00:16	Peak...c/s=82		Qual=01	Tot Cts=2252			
UVSP 15:50		16:03:47	Wavelength=2788A		Code=01	Step=0" Pitch=-106" ,Yaw=+874"			
88/07/25 DOY=207									
Event # = 9258									
88/07/25, 09:38		DOY=207	SMM Pointing:		S23E51	Pitch=+160" ,Yaw=+779" ,Roll=-20deg		H.Ang=57deg	
G0ES 09:28		09:38	Importance=C1		Qual=01	MaxkeV=71			
HXRBS 09:31:16		09:32:00	Peak...c/s=59		Qual=01	Rast=180"x1"		Pitch=+44" ,Yaw=+700"	
UVSP 10:01		09:32:40	Wavelength=2788A			Step=0" Pitch=0"			
Event # = 9259									
88/07/25, 09:56		DOY=207	SMM Pointing:		S23E51	Pitch=+160" ,Yaw=+779" ,Roll=-20deg		H.Ang=57deg	
Optical		End times	Code=LPS		S31W90	Mac.=HHX		H.Ang=93deg	
G0ES 09:54		09:56	Importance=C1		Qual=01	Carr.Lon.=143deg			
HXRBS 09:54:46		09:55:20	Peak...c/s=786		Qual=01	MaxkeV=224			
UVSP 10:01		10:04:18	Wavelength=2788A		Code=02	Rast=180"x1"		Pitch=+44" ,Yaw=+700"	
Radio		Frequency(MHz)/Flux(sfu):	245/5800 1415/810 2695/560 4995/500 8800/280 15400/110						
Event # = 21802									
88/07/25, 19:18		DOY=207	End times		Qual=00				
G0ES 19:11		19:18	CaPeak.c/s=27		Qual= 2		FePeak=19:12		dt= 7.7s XEN=820700
BCS 19:11		19:18	Wavelength=1375A				Rast=0"x0"		Cad=1.02s 1.024s/pixel
FCS 19:13		19:18					Rast=130"x130"		Pitch=+157" ,Yaw=+776"
Event # = 9260									
88/07/25, 20:12		DOY=207	SMM Pointing:		S23E45	Pitch=+187" ,Yaw=+726" ,Roll=-20deg		H.Ang=52deg	
Optical		End times	Ha...Class=2F		S27E50	Mac.=HSX		H.Ang=58deg	
G0ES 19:55		20:12	Importance=M2		Qual=01	Carr.Lon.=358deg			
HXRBS* 20:08:23		20:11:00	Peak...c/s=75		Qual=01	MaxkeV=43			
BCS 20:09		20:09	CaPeak.c/s=726		Qual= 5	FePeak=20:09		dt= 3.8s XEN=820701	
FCS 20:11		20:42	Wavelength=1375A		Code=00	Rast=25"x25"		Cad=25.6s 1.024s/pixel	
UVSP 20:11		20:42				Rast=265"x265"		Pitch=+197" ,Yaw=+733"	
Event # = 21803									
88/07/25, 20:42		DOY=207	End times		Qual=00				
G0ES 20:42		20:42	CaPeak.c/s=35		Qual= 5	FePeak=20:43		dt= 7.7s XEN=820702	
BCS 20:42		20:42	Wavelength=1375A		Qual= 5	Rast=0"x0"		Cad= 688s 687.9s/pixel	
FCS 20:31		20:42				Rast=130"x130"		Pitch=+245" ,Yaw=+759"	
UVSP 20:31		20:42				Step=5"			

[illegible]

Event # = 9265									
88/07/27, 01:59	DOY=209	Start	End times	SMM Pointing:	S22E28			Pitch=+256", Yaw=+538", Roll=-20deg	H.Ang=39deg
GOES 01:56	Peak 01:59		02:02	Importance=C1	Qual=01				
HXRBS 01:56:22	01:56:35		01:57:14	Peak...c/s=95	Qual=01			MaxkeV=71	
UVSP 01:48	01:56:22			Wavelength=2788A	Code=00			Rast=180"x1"	Step=0" Pitch=+135", Yaw=+469"
Event # = 9266									
88/07/27, 03:40	DOY=209	Start	End times	SMM Pointing:	S22E28			Pitch=+260", Yaw=+527", Roll=-20deg	H.Ang=38deg
GOES 03:33	Peak 03:40		03:50	Importance=C3	Qual=01				
HXRBS 03:33:37	03:35:32		03:37:58	Peak...c/s=90	Qual=01			MaxkeV=71	
UVSP 03:22	03:33:37			Wavelength=2788A	Code=01			Rast=180"x1"	Step=0" Pitch=+139", Yaw=+458"
Event # = 21807									
88/07/27, 04:23	DOY=209	Start	End times						
GOES 04:22	Peak 04:23		04:26	CaPeak.c/s=21	Qual=00			FePeak.c/s=7	dt= 7.7s XEN=820900
BCS 04:22					Qual= 4			Rast=0"x0"	Step=0" Cad=1.02s 1.024s/pixel
FCS 04:20				Wavelength=2788A				Rast=180"x1"	Step=0" Pitch=+142", Yaw=+452"
Event # = 21808									
88/07/27, 08:52	DOY=209	Start	End times						
GOES 08:51	Peak 08:52		09:06	CaPeak.c/s=21	Qual=00			FePeak.c/s=5	dt= 7.7s XEN=820901
BCS 08:51					Qual= 4			Rast=0"x0"	Step=0" Cad=1.02s 1.024s/pixel
FCS 09:03				Wavelength=2788A				Rast=180"x1"	Step=0" Pitch=+156", Yaw=+419"
Event # = 9267									
88/07/27, 09:59	DOY=209	Start	End times	SMM Pointing:	S22E24			Pitch=+279", Yaw=+484", Roll=-20deg	H.Ang=36deg
Optical 09:53	Peak 09:59		10:04	Ha...Class=SF	N16E37			Mac.=AXX	Carr.Lon.=350deg
GOES 09:53				Importance=C2	Qual=01				H.Ang=38deg
HXRBS 09:56:22	09:56:54		09:57:43	Peak...c/s=116	Qual=01			MaxkeV=101	
BCS 09:58	09:58		10:03	CaPeak.c/s=23	Qual= 4			FePeak.c/s=8	dt= 7.7s XEN=820902
FCS 09:39				Wavelength=2788A	Code=01			Rast=0"x0"	Step=0" Cad=1.02s 1.024s/pixel
UVSP 09:39				Wavelength=2788A	Code=01			Rast=180"x1"	Step=0" Pitch=+157", Yaw=+415"
Event # = 9268									
88/07/27, 10:32	DOY=209	Start	End times	SMM Pointing:	S22E24			Pitch=+280", Yaw=+479", Roll=-20deg	H.Ang=36deg
Optical 10:28	Peak 10:32		10:35	Ha...Class=SF	N29E81			Mac.=HSX	Carr.Lon.=306deg
GOES 10:28				Importance=C3	Qual=01				H.Ang=79deg
HXRBS 10:28:57	10:29:10		10:30:21	Peak...c/s=439	Qual=01			MaxkeV=192	
UVSP 10:37	10:28:57			Wavelength=2788A	Code=02			Rast=180"x1"	Step=0" Pitch=+160", Yaw=+408"
Event # = 21809									
88/07/27, 10:40	DOY=209	Start	End times						
GOES 10:38	Peak 10:40		10:42	CaPeak.c/s=24	Qual=00			FePeak.c/s=10	dt= 7.7s XEN=820903
BCS 10:38					Qual= 1			Rast=0"x0"	Step=0" Cad=1.02s 1.024s/pixel
FCS 10:37				Wavelength=2788A				Rast=180"x1"	Step=0" Pitch=+160", Yaw=+408"

Event # = 9269									
88/07/27, 11:20	DOY=209		SMM Pointing:	S22E24				Pitch=+280", Yaw=+479", Roll=-20deg	H. Ang=36deg
Start	Peak	End times							
GOES 11:17	11:20	11:38	Importance=C6	Qual=01					
HXRBS 11:18:26	11:18:56	11:19:55	Peak...c/s=81	Qual=01	Tot Cts=822				
BCS 11:19	11:25	12:16	CaPeak.c/s=189	Qual=1	FePeak=11:24				
FCS 11:12									
UVSP 11:20:50	11:21:24	11:22:01	Wavelength=2788A	Code=00	Exp # = 71204				
			Associated		Event # = 9270				
HXRBS 11:20:50	11:21:24	11:22:01	Peak...c/s=69	Qual=01	Tot Cts=725				
Event # = 9271									
88/07/27, 12:15	DOY=209		SMM Pointing:	S22E23				Pitch=+284", Yaw=+469", Roll=-20deg	H. Ang=35deg
Start	Peak	End times							
Optical 12:05	12:15	12:30	Ha...Class=SF	S21E50	AR5084				
GOES 12:07:42	12:07:45	12:08:27	Importance=C3	Qual=01					
HXRBS 12:07:42	12:07:45	12:08:27	Peak...c/s=49	Qual=01	Tot Cts=244				
UVSP 12:10			Wavelength=2788A	Code=00	Exp # = 71205				
Event # = 9273									
88/07/27, 17:51	DOY=209		SMM Pointing:	S22E20				Pitch=+302", Yaw=+429", Roll=-20deg	H. Ang=34deg
Start	Peak	End times							
Optical 17:45	17:51	18:09		S48E30					
GOES 17:45:50	17:48:22	17:50:49	Importance=C2	Qual=01	Tot Cts=10892				
HXRBS* 17:45:50	17:48:22	17:50:49	Peak...c/s=272	Qual=01	Exp # = 71213				
UVSP 17:39			Wavelength=1375A	Code=00					
Event # = 9272									
88/07/27, 19:13	DOY=209		SMM Pointing:	S22E19				Pitch=+307", Yaw=+418", Roll=-20deg	H. Ang=33deg
Start	Peak	End times							
GOES 19:09	19:13	19:24	Importance=C2	Qual=01					
HXRBS* 19:09:08	19:09:28	19:10:06	Peak...c/s=85	Qual=01	Tot Cts=546				
UVSP 19:02			Wavelength=1375A	Code=00	Exp # = 71218				
Event # = 9274									
88/07/27, 21:15	DOY=209		SMM Pointing:	S22E18				Pitch=+311", Yaw=+406", Roll=-20deg	H. Ang=33deg
Start	Peak	End times							
GOES 21:13	21:15	21:18	Importance=C1	Qual=01					
HXRBS 21:13:20	21:13:35	21:14:00	Peak...c/s=99	Qual=01	Tot Cts=676				
UVSP 21:04			Wavelength=1375A	Code=00	Exp # = 71229				
Event # = 9275									
88/07/28, 00:13	DOY=210		SMM Pointing:	S22E17				Pitch=+321", Yaw=+383", Roll=-20deg	H. Ang=32deg
Start	Peak	End times							
Optical 00:01	00:13	00:22	Ha...Class=SF	N26E69	AR5092				
GOES 00:07:58	00:11:23	00:14:29	Ha...Class=SF	N28E87	AR5095				
HXRBS 00:07:58	00:11:23	00:14:29	Importance=C4	Qual=01	Tot Cts=4037				
UVSP 00:13			Peak...c/s=114	Qual=01	Exp # = 71244				
Radio	Frequency(MHz)/Flux(sfu):	245/50 410/100 606/190 8800/22 15400/27							

Event # = 9276	DOY=210	SMM Pointing: S22E14	Pitch=+334" ,Yaw=+347" ,Roll=-20deg	H.Ang=31deg
88/07/28,04:47	Peak			
Optical	End times			
G0ES 04:39	05:10	Ha...Class=SF		
G0ES 04:47	04:47	Importance=C2	Mac.=EAO	Carr.Lon.=305deg
HXRBS 04:40:34	04:41:06	Peak...c/s=158	MaxkeV=101	H.Ang=71deg
UVSP 04:26	04:42:57	WaveLength=2788A	Rast=180"x1"	
			Step=0"	Pitch=+213" ,Yaw=+279"
Tot Cts=4376				
Exp #=71253				
Event # = 9277	DOY=210	SMM Pointing: S22E13	Pitch=+339" ,Yaw=+336" ,Roll=-20deg	H.Ang=30deg
88/07/28,06:41	Peak			
Optical	End times			
G0ES 06:31	07:00	Ha...Class=SF		
G0ES 06:41	06:41	Importance=C2	Mac.=EAO	Carr.Lon.=305deg
HXRBS 06:34:44	06:35:46	Peak...c/s=65	MaxkeV=71	H.Ang=70deg
UVSP 06:59	06:37:02	WaveLength=2788A	Rast=180"x1"	
			Step=0"	Pitch=+221" ,Yaw=+260"
Tot Cts=1241				
Exp #=71256				
Event # = 9278	DOY=210	SMM Pointing: S22E11	Pitch=+349" ,Yaw=+312" ,Roll=-20deg	H.Ang=30deg
88/07/28,10:23	Peak			
Optical	End times			
G0ES 10:09	10:45	Importance=C3		
G0ES 10:09	10:23	Peak...c/s=144	MaxkeV=101	
HXRBS 10:09:17	10:09:32	WaveLength=2788A	Rast=180"x1"	Pitch=+230" ,Yaw=+236"
UVSP 10:07	10:09:49	Code=01		
Radio	Frequency (MHz)/Flux(sfu):	245/530 2695/100		
Event # = 9494	DOY=210	SMM Pointing: S22E07	Pitch=+372" ,Yaw=+253" ,Roll=-20deg	H.Ang=28deg
88/07/28,17:09	Peak			
Optical	End times			
G0ES 17:06	17:20	Importance=C2		
G0ES 17:06	17:09	Peak...c/s=47	MaxkeV=71	Flags=1
HXRBS 17:07:59	17:08:19	WaveLength=1375A	Rast=265"x265"	Step=5"
UVSP 17:06	17:08:29	Code=00		Pitch=+379" ,Yaw=+266"
Radio	Frequency (MHz)/Flux(sfu):	410/50		
Event # = 9495	DOY=210	SMM Pointing: S22E07	Pitch=+372" ,Yaw=+253" ,Roll=-20deg	H.Ang=28deg
88/07/28,17:23	Peak			
Optical	End times			
G0ES 17:21	17:39	Importance=C2		
G0ES 17:21	17:23	Peak...c/s=68	MaxkeV=71	Flags=1
HXRBS 17:22:16	17:22:21	WaveLength=1375A	Rast=10"x10"	Step=0"
UVSP 17:10	17:23:13	Code=00		Pitch=+316" ,Yaw=+319"
Radio	Frequency (MHz)/Flux(sfu):			
Event # = 21810	DOY=210	SMM Pointing: S22E07	Pitch=+372" ,Yaw=+253" ,Roll=-20deg	H.Ang=28deg
88/07/28,20:13	Peak			
Optical	End times			
G0ES 20:06	20:22	Importance=C2		
G0ES 20:06	20:13	Peak...c/s=32		
HXRBS 20:14	20:15	CaPeak.c/s=5		
UVSP 20:06	20:20	WaveLength=1375A		
Radio	Frequency (MHz)/Flux(sfu):			
Event # = 9496	DOY=210	SMM Pointing: N28E64	Pitch=-639" ,Yaw=+566" ,Roll=-20deg	H.Ang=64deg
88/07/28,22:27	Peak			
Optical	End times			
G0ES 22:24	22:33	Ha...Class=SF	Mac.=HSX	Carr.Lon.=301deg
G0ES 22:24	22:27	Importance=C1		H.Ang=66deg
HXRBS 22:24:39	22:25:44	Peak...c/s=258	MaxkeV=161	Flags=1
UVSP 22:25	22:29	CaPeak.c/s=28	Rast=10"x10"	Step=0"
Radio	Frequency (MHz)/Flux(sfu):			
Event # = 9497	DOY=210	SMM Pointing: S22E07	Pitch=+372" ,Yaw=+253" ,Roll=-20deg	H.Ang=28deg
88/07/28,20:13	Peak			
Optical	End times			
G0ES 20:06	20:22	Importance=C2		
G0ES 20:06	20:13	Peak...c/s=32		
HXRBS 20:14	20:15	CaPeak.c/s=5		
UVSP 20:06	20:20	WaveLength=1375A		
Radio	Frequency (MHz)/Flux(sfu):			
Event # = 9498	DOY=210	SMM Pointing: S22E07	Pitch=+372" ,Yaw=+253" ,Roll=-20deg	H.Ang=28deg
88/07/28,20:13	Peak			
Optical	End times			
G0ES 20:06	20:22	Importance=C2		
G0ES 20:06	20:13	Peak...c/s=32		
HXRBS 20:14	20:15	CaPeak.c/s=5		
UVSP 20:06	20:20	WaveLength=1375A		
Radio	Frequency (MHz)/Flux(sfu):			
Event # = 9499	DOY=210	SMM Pointing: S22E07	Pitch=+372" ,Yaw=+253" ,Roll=-20deg	H.Ang=28deg
88/07/28,20:13	Peak			
Optical	End times			

Event # = 21811		88/07/29		DOY=211	
88/07/29	02:32	Start	DOY=211	End times	
GOES	02:20	Peak	02:32	02:48	
BCS	02:30	Peak	02:32	02:34	
FCS					
UVSP	02:23				
Radio Sweeps					
Type/Intensity:					
Wavelength=2788A		Code=00			
Exp #=71307		FePeak=02:31			
Qual=01		Qual= 5			
Importance=C2					
CaPeak.c/s=18					
FePeak.c/s=7		#Peaks=1			
dt= 7.7s		XEN=821100			
Cad=1.02s		1.024s/pixel			
Pitch=-751"		Yaw=+482"			
Step=0"					
Rast=180"x1"					
Rast=0"x0"					
FePeak.c/s=7		#Peaks=1			
dt= 7.7s		XEN=821100			
Cad=1.02s		1.024s/pixel			
Pitch=-751"		Yaw=+482"			
Step=0"					
Rast=180"x1"					
Rast=0"x0"					
FePeak.c/s=7		#Peaks=1			
dt= 7.7s		XEN=821100			
Cad=1.02s		1.024s/pixel			
Pitch=-751"		Yaw=+482"			
Step=0"					
Rast=180"x1"					
Rast=0"x0"					
FePeak.c/s=7		#Peaks=1			
dt= 7.7s		XEN=821100			
Cad=1.02s		1.024s/pixel			
Pitch=-751"		Yaw=+482"			
Step=0"					
Rast=180"x1"					
Rast=0"x0"					
FePeak.c/s=7		#Peaks=1			
dt= 7.7s		XEN=821100			
Cad=1.02s		1.024s/pixel			
Pitch=-751"		Yaw=+482"			
Step=0"					
Rast=180"x1"					
Rast=0"x0"					
FePeak.c/s=7		#Peaks=1			
dt= 7.7s		XEN=821100			
Cad=1.02s		1.024s/pixel			
Pitch=-751"		Yaw=+482"			
Step=0"					
Rast=180"x1"					
Rast=0"x0"					
FePeak.c/s=7		#Peaks=1			
dt= 7.7s		XEN=821100			
Cad=1.02s		1.024s/pixel			
Pitch=-751"		Yaw=+482"			
Step=0"					
Rast=180"x1"					
Rast=0"x0"					
FePeak.c/s=7		#Peaks=1			
dt= 7.7s		XEN=821100			
Cad=1.02s		1.024s/pixel			
Pitch=-751"		Yaw=+482"			
Step=0"					
Rast=180"x1"					
Rast=0"x0"					
FePeak.c/s=7		#Peaks=1			
dt= 7.7s		XEN=821100			
Cad=1.02s		1.024s/pixel			
Pitch=-751"		Yaw=+482"			
Step=0"					
Rast=180"x1"					
Rast=0"x0"					
FePeak.c/s=7		#Peaks=1			
dt= 7.7s		XEN=821100			
Cad=1.02s		1.024s/pixel			
Pitch=-751"		Yaw=+482"			
Step=0"					
Rast=180"x1"					
Rast=0"x0"					
FePeak.c/s=7		#Peaks=1			
dt= 7.7s		XEN=821100			
Cad=1.02s		1.024s/pixel			
Pitch=-751"		Yaw=+482"			
Step=0"					
Rast=180"x1"					
Rast=0"x0"					
FePeak.c/s=7		#Peaks=1			
dt= 7.7s		XEN=821100			
Cad=1.02s		1.024s/pixel			
Pitch=-751"		Yaw=+482"			
Step=0"					
Rast=180"x1"					
Rast=0"x0"					
FePeak.c/s=7		#Peaks=1			
dt= 7.7s		XEN=821100			
Cad=1.02s		1.024s/pixel			
Pitch=-751"		Yaw=+482"			
Step=0"					
Rast=180"x1"					
Rast=0"x0"					
FePeak.c/s=7		#Peaks=1			
dt= 7.7s		XEN=821100			
Cad=1.02s		1.024s/pixel			
Pitch=-751"		Yaw=+482"			
Step=0"					
Rast=180"x1"					
Rast=0"x0"					
FePeak.c/s=7		#Peaks=1			
dt= 7.7s		XEN=821100			
Cad=1.02s		1.024s/pixel			
Pitch=-751"		Yaw=+4			

Event # = 9282									
88/07/29, 17:08	DOY=211		SMM Pointing:	N28E54				Pitch=+672", Yaw=+394", Roll=90deg	H. Ang=55deg
Start	Peak	End times							
G0ES 17:07	17:08	17:10	Importance=C1	Qual=01					
HXRBS* 17:07:19	17:07:48	17:08:27	Peak...c/s=144	Qual=01					
UVSP 16:40			Wavelength=1375A	Code=00				Step=1"	Pitch=+680", Yaw=+334"
								MaxkeV=80	
								Rast=21"x21"	
								Tot Cts=2016	
								Exp #=71327	
Event # = 9283									
88/07/29, 21:32	DOY=211		SMM Pointing:	N28E52				Pitch=-594", Yaw=+486", Roll=-20deg	H. Ang=54deg
Start	Peak	End times							
Optical 21:08	21:32	22:17	Ha...Class=1F	N32E61				Mac.=EHO	H. Ang=63deg
G0ES 21:19:12	21:22:26	21:38:17	Importance=M2	Qual=03				Carr. Lon.=293deg	
HXRBS 21:17	21:31	22:00	Peak...c/s=93	Qual=01					
BCS 21:17			CaPeak.c/s=724	Qual= 1				MaxkeV=101	
FCS 21:24			Wavelength=1375A	Code=00				dt= 3.8s	XEN=821104
UVSP 21:24								FePeak.c/s=142	Cad=25.6s
								Step=5"	1.024s/pixel
								Rast=25"x25"	Pitch=-664", Yaw=+483"
								Rast=10"x10"	
								Exp #=71338	
								DOY=212	
Event # = 9284									
88/07/30, 02:38	DOY=212		SMM Pointing:	N28E49				Pitch=-583", Yaw=+463", Roll=-20deg	H. Ang=52deg
Start	Peak	End times							
Optical 02:34	02:38	02:48	Ha...Class=SF	S21W10				Mac.=EKI	H. Ang=28deg
G0ES 02:33:51	02:35:03	02:36:19	Importance=C2	Qual=01				Carr. Lon.=1deg	
HXRBS 02:50			Peak...c/s=87	Qual=01					
UVSP 02:50			Wavelength=2788A					MaxkeV=101	
Radio Frequency(MHz)/Flux(sfu):	8800/26							Rast=180"x1"	
								Step=0"	Pitch=-445", Yaw=+386"
Event # = 21812									
88/07/30, 05:47	DOY=212								
Start	Peak	End times							
Optical 05:41	05:47	05:58	Ha...Class=SF	N33E53				Carr. Lon.=297deg	H. Ang=56deg
G0ES 05:46	05:47	05:54	Importance=C1	Qual=01				#Peaks=1	dt= 7.7s
BCS 05:46			CaPeak.c/s=24	Qual= 4				Step=0"	XEN=821200
FCS 05:58			Wavelength=2788A					Rast=0"x0"	Cad=1.02s
UVSP 05:58								Step=0"	1.024s/pixel
								Rast=180"x1"	Pitch=-437", Yaw=+371"
								Exp #=71351	
Event # = 9285									
88/07/30, 06:59	DOY=212		SMM Pointing:	N28E47				Pitch=-573", Yaw=+442", Roll=-20deg	H. Ang=50deg
Start	Peak	End times							
G0ES 06:51	06:59	07:19	Importance=C3	Qual=01					
HXRBS 06:54:06	06:55:09	06:57:06	Peak...c/s=134	Qual=01				MaxkeV=71	
UVSP 06:35			Wavelength=2788A					Rast=180"x1"	
								Step=0"	Pitch=-436", Yaw=+368"
								Tot Cts=4323	
								Exp #=71352	
Event # = 9287									
88/07/30, 08:26	DOY=212		SMM Pointing:	N28E46				Pitch=-566", Yaw=+430", Roll=-20deg	H. Ang=49deg
Start	Peak	End times							
G0ES 08:21	08:26	08:31	Importance=C1	Qual=01					
HXRBS 08:24:56	08:25:09	08:25:21	Peak...c/s=52	Qual=01				MaxkeV=71	
UVSP 08:09			Wavelength=2788A	Code=01				Rast=180"x1"	
								Step=0"	Pitch=-432", Yaw=+360"

Event # = 9286									
88/07/30, 08:51	DOY=212		SMM Pointing:	N28E46		Pitch=-566", Yaw=+430", Roll=-20deg		H. Ang=49deg	
Start	Peak	End times							
Optical			Ha...Class=2N	N28E41		Mac.=FK0	Carr. Lon.=307deg	H. Ang=45deg	
GOES	08:47	09:41	Importance=M2	Qual=01					
HXRBS	08:45:59	08:55:24	Peak...c/s=4426	Qual=01					
BCS	08:47	09:10	CaPeak.c/s=1379	Qual=1					
FCS									
UVSP	09:07		Wavelength=2788A						
			Associated						
BCS	09:10	09:12	CaPeak.c/s=56	Qual=5		FePeak.c/s=12	#Peaks=1	dt= 7.7s	XEN=821202
FCS						Rast=0"x0"	Step=0"	Cad=3840s	3840s/pixel
Event # = 9288									
88/07/30, 09:54	DOY=212		SMM Pointing:	N28E46		Pitch=-566", Yaw=+430", Roll=-20deg		H. Ang=49deg	
Start	Peak	End times							
Optical			Ha...Class=SF	N13W09		Mac.=DRI	Carr. Lon.=356deg	H. Ang=11deg	
GOES	09:51	09:58	Importance=C1	Qual=01					
HXRBS	09:52:25	09:52:37	Peak...c/s=127	Qual=01					
UVSP	09:42		Wavelength=2788A	Code=01		MaxkeV=71	Step=0"	Pitch=-429"	Yaw=+353"
						Rast=180"x1"			
						Tot Cts=566			
						Exp #=71356			
Event # = 21814									
88/07/30, 12:15	DOY=212								
Start	Peak	End times							
GOES	12:05	13:01	Importance=C3	Qual=03		FePeak.c/s=15	#Peaks=1	dt= 3.8s	XEN=821203
BCS	12:09	12:20	CaPeak.c/s=53	Qual=3		Rast=0"x0"	Step=0"	Cad=4.10s	4.096s/pixel
FCS						Rast=180"x1"	Step=0"	Pitch=-423"	Yaw=+340"
UVSP	12:15		Wavelength=2788A	Code=02					
						Exp #=71359			
Event # = 9289									
88/07/30, 13:39	DOY=212		SMM Pointing:	N28E44		Pitch=-557", Yaw=+410", Roll=-20deg		H. Ang=47deg	
Start	Peak	End times							
GOES									
HXRBS	13:39:19	13:39:49	Peak...c/s=48	Qual=00		MaxkeV=71	Step=0"	Pitch=-419"	Yaw=+332"
UVSP	13:48		Wavelength=2788A	Qual=01		Rast=180"x1"			
						Tot Cts=165			
						Exp #=71361			
Event # = 9290									
88/07/30, 14:43	DOY=212		SMM Pointing:	N28E42		Pitch=-550", Yaw=+399", Roll=-20deg		H. Ang=46deg	
Start	Peak	End times							
GOES									
HXRBS	14:42:12	14:43:13	Peak...c/s=75	Qual=00		MaxkeV=131	Step=0"	Pitch=-416"	Yaw=+329"
UVSP	14:24		Wavelength=2788A	Qual=01		Rast=180"x1"			
						Tot Cts=2278			
						Exp #=71362			
Event # = 21815									
88/07/30, 16:15	DOY=212								
Start	Peak	End times							
Optical			Ha...Class=SF	N28E42		Mac.=FK0	Carr. Lon.=302deg	H. Ang=46deg	
GOES	16:08	16:30	Importance=C2	Qual=01					
BCS	16:10	16:17	CaPeak.c/s=37	Qual=1		FePeak.c/s=10	#Peaks=1	dt= 7.7s	XEN=821204
FCS						Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
UVSP	16:09		Wavelength=1375A	Code=00		Rast=10"x10"	Step=0"	Pitch=-657"	Yaw=+286"





Event # = 21818									
88/07/31, 07:32	DOY=213	Peak	End times						
Optical	Start								
G0ES	07:18	07:32	08:24	Ha...Class=1B	N34E41	AR5092	Mac.=FKO	Carr.Lon.=294deg	H.Ang=47deg
BCS	07:45	07:46	08:20	Importance=M4	Qual=05				
FCS				CaPeak.c/s=679	Qual=5	FePeak=07:46	FePeak.c/s=50	#Peaks=1	dt= 3.8s XEN=821302
UVSP	07:39			WaveLength=2788A	Code=02	Exp # = 71396	Rast=25"x25"	Step=5"	Cad=25.6s 1.024s/pixel
Radio	Frequency(MHz)/Flux(sfu):			410/85 606/240 2695/96 4995/130 8800/120 15400/62			Rast=180"x1"	Step=0"	Pitch=0" Yaw=+233"
BCS	08:20	08:20	08:41	CaPeak.c/s=32	Qual=5	FePeak=08:22	FePeak.c/s=5	#Peaks=1	dt= 7.7s XEN=821303
FCS				WaveLength=2788A			Rast=0"x0"	Step=0"	Cad= 688s 687.9s/pixel
UVSP	08:37					Exp # = 71397	Rast=180"x1"	Step=0"	Pitch=-370" Yaw=+227"
Event # = 9293									
88/07/31, 08:34	DOY=213	Peak	End times	SMM Pointing:	N28E33		Pitch=-506"	Yaw=+300", Roll=-20deg	H.Ang=38deg
G0ES	Start								
HXRBS	08:34:45	08:34:50	08:34:57	Peak....c/s=166	Qual=01	Tot Cts=470	MaxkeV=131		
UVSP	08:37			WaveLength=2788A		Exp # = 71397	Rast=180"x1"	Step=0"	Pitch=-370" Yaw=+227"
Event # = 9295									
88/07/31, 13:19	DOY=213	Peak	End times	SMM Pointing:	N28E30		Pitch=-493"	Yaw=+270", Roll=-20deg	H.Ang=36deg
G0ES	Start								
HXRBS*	13:12	13:19	13:27	Importance=C1	Qual=03		MaxkeV=43		
UVSP	13:19	13:13:02	13:14:05	Peak....c/s=81	Qual=01	Tot Cts=261	Rast=180"x1"	Step=0"	Pitch=-358" Yaw=+198"
Event # = 9294									
88/07/31, 14:29	DOY=213	Peak	End times	SMM Pointing:	N28E30		Pitch=-489"	Yaw=+262", Roll=-20deg	H.Ang=36deg
G0ES	Start								
HXRBS*	14:21	14:29	14:38	Importance=C1	Qual=01		MaxkeV=43		
UVSP	14:27:23	14:27:33	14:28:20	Peak....c/s=99	Qual=01	Tot Cts=896	Rast=180"x1"	Step=0"	Pitch=-353" Yaw=+190"
Event # = 9296									
88/07/31, 15:05	DOY=213	Peak	End times	SMM Pointing:	N28E29		Pitch=-487"	Yaw=+260", Roll=-20deg	H.Ang=36deg
Optical	Start								
G0ES	14:39	15:05	16:00	Ha...Class=SN	N34E38	AR5092	Mac.=FKO	Carr.Lon.=293deg	H.Ang=45deg
HXRBS*	14:56:18	14:56:36	14:56:54	Importance=C3	Qual=02		MaxkeV=43		
BCS	14:44	14:57	14:58	Peak....c/s=118	Qual=01	Tot Cts=614	FePeak.c/s=17	#Peaks=1	dt= 3.8s XEN=821304
FCS				CaPeak.c/s=52	Qual=2	FePeak=14:57	Rast=240"x240"	Step=15"	Cad= 131s 0.512s/pixel
UVSP	14:52			WaveLength=2788A	Code=01	Exp # = 71405	Rast=180"x1"	Step=0"	Pitch=-353" Yaw=+190"
Radio	Sweeps	Type/Intensity:		111/3 V/3					
Radio	Frequency(MHz)/Flux(sfu):			245/160					
BCS	15:42	15:46	15:51	CaPeak.c/s=19	Qual=1	FePeak=15:49	FePeak.c/s=11	#Peaks=1	dt= 7.7s XEN=821305
FCS				WaveLength=1375A			Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
UVSP	15:40					Exp # = 71407	Rast=10"x10"	Step=0"	Pitch=-556" Yaw=+286"

Event # = 9297									
88/07/31, 16:13	DOY=213	Peak							
Optical		End times	SMM Pointing:	N28E29					
GOES 16:00	16:13	16:41	Ha...Class=SF	N32E33	AR5092				
HXRBS* 16:00:46	16:02:01	16:03:26	Importance=C4	Qual=03					
BCS 16:02	16:04	16:08	Peak...c/s=301	Qual=01	Tot Cts=12113				
FCS			CaPeak.c/s=129	Qual=1	FePeak=16:03				
UVSP 16:09			Wavelength=1375A	Code=01	Exp #=71410				
Radio Sweeps		Type/Intensity:	V/2						
88/08/01 DOY=214									
Event # = 9298									
88/08/01, 04:08	DOY=214	Peak							
Optical		End times	SMM Pointing:	N30E23					
GOES 04:02	04:08	04:32	Ha...Class=SF	N14W33	AR5090				
HXRBS 04:14:08	04:14:34	04:15:16	Importance=C3	Qual=05					
UVSP 04:01			Peak...c/s=61	Qual=01	Tot Cts=472				
			Wavelength=2788A	Code=00	Exp #=71442				
Event # = 9300									
88/08/01, 06:32	DOY=214	Peak							
Optical		End times	SMM Pointing:	N30E21					
GOES 05:32	06:32	07:10	Ha...Class=1B	N35E30	AR5092				
HXRBS 06:11:22	06:24:22	06:37:53	Importance=M2	Qual=03					
BCS 05:41	06:27	06:38	Peak...c/s=94	Qual=01	Tot Cts=22323				
FCS			CaPeak.c/s=1023	Qual=3	FePeak=06:26				
UVSP 06:33			Wavelength=2788A	Code=02	Exp #=71445				
Radio Sweeps		Type/Intensity:	11/3						
Event # = 9299									
88/08/01, 05:40:09	05:44:38	05:47:46	Associated						
HXRBS 05:40:09	05:44:38	05:47:46	Peak...c/s=74	Qual=02	Event # = 9299				
UVSP 05:35			Wavelength=2788A		Tot Cts=5366				
					Exp #=71444				
Event # = 21821									
88/08/01, 07:16	DOY=214	Peak							
GOES 07:15	07:16	07:56							
BCS 07:15	07:16	07:56	CaPeak.c/s=38	Qual=00	FePeak=07:16				
FCS				Qual=5					
UVSP 07:08			Wavelength=2788A		Exp #=71446				
Event # = 9305									
88/08/01, 12:09	DOY=214	Peak							
GOES 12:04	12:09	12:12	SMM Pointing:	N30E19					
HXRBS 12:05:00	12:05:46	12:06:52	Importance=C2	Qual=01					
UVSP 11:50			Peak...c/s=157	Qual=01	Tot Cts=4053				
			Wavelength=2788A	Code=01	Exp #=71452				
Event # = 9308									
88/08/02, 10:18	DOY=215	Peak							
GOES 10:09	10:18	10:27	SMM Pointing:	N30E07					
HXRBS* 10:16:06	10:16:46	10:17:45	Importance=C2	Qual=01					
UVSP 10:45			Peak...c/s=100	Qual=01	Tot Cts=1834				
			Wavelength=2788A		Exp #=71493				

88/08/03		DOY=216			
Event # = 9309					
88/08/03,02:24	DOY=216	SMM Pointing:		Pitch=-387",Yaw=-154",Roll=-20deg	H.Ang=26deg
Start	Peak				
G0ES					
HXRBS	02:23:56	Peak...c/s=111	Tot Cts=733	MaxkeV=71	
UVSP	02:24	Wavelength=1375A	Exp #=71547	Rast=10"x10"	Step=0" Pitch=-377",Yaw=-112"
Event # = 21822					
88/08/03,03:08	DOY=216				
Start	Peak				
Optical					
G0ES		Ha...Class=SF	N27W06		
BCS	03:07		Qual=00		
FCS		CaPeak.c/s=31	Qual= 4		
UVSP	03:10	Wavelength=2788A	Exp #=71548		
Event # = 21823					
88/08/03,03:29	DOY=216				
Start	Peak				
G0ES			Qual=00		
BCS	03:28	CaPeak.c/s=30	Qual= 1		
FCS		Wavelength=2788A	Exp #=71549		
UVSP	03:10				
Event # = 9310					
88/08/03,05:27	DOY=216	SMM Pointing:		Pitch=-379",Yaw=-176",Roll=-20deg	H.Ang=26deg
Start	Peak				
G0ES					
HXRBS	05:27:01	Peak...c/s=74	Tot Cts=171	MaxkeV=71	
UVSP	05:32	Wavelength=2788A	Exp #=71551	Rast=180"x1"	Step=0" Pitch=-243",Yaw=+3"
Event # = 21824					
88/08/03,06:31	DOY=216				
Start	Peak				
G0ES			Qual=00		
BCS	06:31	CaPeak.c/s=19	Qual= 4		
FCS		Wavelength=2788A	Exp #=71552		
UVSP	06:09				
Event # = 9311					
88/08/03,06:54	DOY=216	SMM Pointing:		Pitch=-375",Yaw=-187",Roll=-20deg	H.Ang=26deg
Start	Peak				
Optical					
G0ES		Ha...Class=SN	N14W61		
BCS	06:34	Importance=C3	Qual=01		
HXRBS	06:33:41	Peak...c/s=63	Qual=01		
UVSP	07:07	Wavelength=2788A	Exp #=71553		
Event # = 9312					
88/08/03,06:45:08	DOY=216	Associated			
Start	Peak				
G0ES			Qual=01		
BCS	06:44:49	Peak...c/s=50	Tot Cts=218		
HXRBS	06:44:49				

Event # = 9314	DOY=216	Peak	SMM Pointing:	N32W04	Pitch=-371", Yaw=-198", Roll=-20deg	H. Ang=26deg
88/08/03 08:41	Start	End times	Ha...Class=2N	N15W70	Mac.=HSX	H. Ang=69deg
Optical	08:27	08:41	Importance=C8	Qual=03		
GOES	08:29:08	08:30:30	Peak...c/s=278	Qual=11	MaxkeV=224	Flags=DG
HXRBS	08:41		Wavelength=2788A	Code=02	Rast=180"x1"	Pitch=0"
UVSP			Associated	Event # = 9313		
			Peak...c/s=61	Qual=01		
HXRBS	08:26:47	08:27:30		Tot Cts=314	MaxkeV=71	
Event # = 9315	DOY=216	Peak	SMM Pointing:	N32W05	Pitch=-367", Yaw=-209", Roll=-20deg	H. Ang=26deg
88/08/03 10:35	Start	End times	Importance=M2	Qual=02		
GOES	10:05	10:35	Peak...c/s=799	Qual=01	MaxkeV=161	Flags=M5
HXRBS	10:05:47	10:08:02	Wavelength=2788A	Tot Cts=52272	Rast=180"x1"	Pitch=0"
UVSP	10:51			Exp #=71558		
Event # = 9316	DOY=216	Peak	SMM Pointing:	N32W07	Pitch=-359", Yaw=-230", Roll=-20deg	H. Ang=27deg
88/08/03 13:12	Start	End times	Importance=C6	Qual=00		
GOES	13:12:22	13:12:30	Peak...c/s=55	Qual=01	MaxkeV=71	
HXRBS	13:22		Wavelength=2788A	Tot Cts=128	Rast=180"x1"	Pitch=-223", Yaw=-51"
UVSP				Exp #=71561		
Event # = 9317	DOY=216	Peak	SMM Pointing:	N32W08	Pitch=-354", Yaw=-245", Roll=-20deg	H. Ang=27deg
88/08/03 15:57	Start	End times	Importance=C6	Qual=05		
GOES	15:48	15:57	Peak...c/s=96	Qual=01	MaxkeV=71	
HXRBS*	15:49:03	15:50:19	Wavelength=1375A	Code=00	Rast=10"x10"	Pitch=-462", Yaw=-355"
UVSP	15:43			Tot Cts=7487		
Event # = 9319	DOY=216	Peak	SMM Pointing:	N32W07	Pitch=-357", Yaw=-233", Roll=-20deg	H. Ang=27deg
88/08/03 17:44	Start	End times	Importance=C4	Qual=05		
GOES	17:38	17:44	Peak...c/s=65	Qual=01	MaxkeV=71	
HXRBS*	17:39:18	17:40:23	Wavelength=1375A	Code=00	Rast=10"x10"	Pitch=-327", Yaw=-240"
UVSP	17:35			Tot Cts=1728		
Event # = 9318	DOY=216	Peak	SMM Pointing:	N32W09	Pitch=-350", Yaw=-256", Roll=-20deg	H. Ang=27deg
88/08/03 20:35	Start	End times	Ha...Class=SN	N14W64	Mac.=DAI	H. Ang=63deg
Optical	19:49	20:35	Importance=M1	Qual=04		
GOES	20:27:32	20:28:55	Peak...c/s=269	Qual=01	MaxkeV=101	
HXRBS*	20:29		Wavelength=1375A	Code=00	Rast=10"x10"	Pitch=-337", Yaw=-233"
UVSP				Tot Cts=27336		
Event # = 9320	DOY=217	Peak	SMM Pointing:	N32W14	Pitch=-328", Yaw=-320", Roll=-20deg	H. Ang=29deg
88/08/04 05:51	Start	End times	Ha...Class=SN	N31W14		
Optical	05:51:34	05:52:11	Peak...c/s=184	Qual=01	Carr. Lon.=297deg	H. Ang=28deg
GOES	05:38		Wavelength=2788A	Tot Cts=1032		
HXRBS*				Exp #=71600	MaxkeV=131	Pitch=-194", Yaw=-134"
UVSP					Rast=180"x1"	

Event # = 9321	DOY=217	SMM Pointing:	N32W15	Pitch=-320", Yaw=-342", Roll=-20deg	H.Ang=30deg
88/08/04, 09:48 Start	Peak	End times			
GOES			Qual=00		
HXRBS* 09:47:50	09:48:04	09:48:15	Peak...c/s=118		
UVSP 09:43			Wavelength=2788A		
			Tot Cts=410	MaxkeV=61	
			Exp #=71605	Rast=180"x1"	Pitch=-184", Yaw=-162"
Event # = 9322	DOY=217	SMM Pointing:	N32W19	Pitch=-303", Yaw=-393", Roll=-20deg	H.Ang=32deg
88/08/04, 16:47 Start	Peak	End times			
GOES			Qual=01		
HXRBS* 16:44:11	16:44:27	16:44:46	Importance=C2		
UVSP 16:46			Peak...c/s=91		
			Wavelength=1375A		
			Tot Cts=929	MaxkeV=101	
			Exp #=71616	Rast=265"x265"	Pitch=-296", Yaw=-380"
Event # = 21825	DOY=217	SMM Pointing:	N32W22	Pitch=-293", Yaw=-424", Roll=-20deg	H.Ang=33deg
88/08/04, 18:31 Start	Peak	End times			
Optical			Ha...Class=SF		
GOES			Importance=C2		
BCS 18:25	18:31	18:35	CaPeak.c/s=56		
FCS 18:27	18:30	18:36	Wavelength=1375A		
UVSP 18:24			Tot Cts=18:29	Mac.=FKI	
			Exp #=71621	FePeak.c/s=14	H.Ang=30deg
				Rast=0"x0"	XEN=821700
				Rast=10"x10"	Cad=.26s 0.256s/pixel
				Step=0"	Pitch=-270", Yaw=-398"
Event # = 9323	DOY=217	SMM Pointing:	N32W22	Pitch=-293", Yaw=-424", Roll=-20deg	H.Ang=33deg
88/08/04, 21:41 Start	Peak	End times			
GOES			Qual=00		
HXRBS* 21:41:01	21:41:04	21:42:17	Peak...c/s=88		
UVSP 21:33			Wavelength=1375A		
			Tot Cts=687	MaxkeV=161	
			Exp #=71634	Rast=10"x10"	Pitch=-195", Yaw=-461"
Event # = 9324	DOY=217	SMM Pointing:	N32W22	Pitch=-293", Yaw=-424", Roll=-20deg	H.Ang=33deg
88/08/04, 21:44 Start	Peak	End times			
GOES			Qual=00		
HXRBS* 21:44:07	21:44:23	21:45:01	Peak...c/s=70		
UVSP 21:33			Wavelength=1375A		
			Tot Cts=262	MaxkeV=101	
			Exp #=71634	Rast=10"x10"	Pitch=-195", Yaw=-461"
Event # = 9325	DOY=217	SMM Pointing:	N32W22	Pitch=-293", Yaw=-424", Roll=-20deg	H.Ang=33deg
88/08/04, 21:45 Start	Peak	End times			
GOES			Qual=00		
HXRBS* 21:45:22	21:45:31	21:45:51	Peak...c/s=62		
UVSP 21:45			Wavelength=1375A		
			Tot Cts=152	MaxkeV=71	
			Exp #=71635	Rast=200"x200"	Pitch=-285", Yaw=-413"
Event # = 21826	DOY=218	SMM Pointing:	N32W25	Pitch=-293", Yaw=-424", Roll=-20deg	H.Ang=32deg
88/08/05, 06:05 Start	Peak	End times			
Optical			Ha...Class=SF		
GOES			Importance=C2		
BCS 06:03	06:05	06:11	CaPeak.c/s=29		
FCS 06:05			Wavelength=2788A		
			Tot Cts=06:03	Mac.=FKI	
			Exp #=71662	FePeak.c/s=14	H.Ang=32deg
				Rast=0"x0"	XEN=821800
				Rast=180"x1"	Cad=1.02s 1.024s/pixel
				Step=0"	Pitch=-141", Yaw=-295"

Event # = 21827									
88/08/05,07:43	DOY=218	Peak							
GOES	07:42	07:43	07:46	End times	Qual=00	FePeak=07:42	FePeak.c/s=13	#Peaks=1	dt= 7.7s XEN=821801
BCS					Qual= 4		Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
FCS							Rast=180"x1"	Step=0"	Pitch=-138", Yaw=-305"
UVSP	07:39				Wavelength=2788A	Exp #=71664			
Event # = 9326									
88/08/05,11:43	DOY=218	Peak							
GOES				End times	SMM Pointing: N32W29		Pitch=-267", Yaw=-510", Roll=-20deg		H. Ang=37deg
HXRBS*	11:42:59	11:43:22	11:43:37		Qual=00	Tot Cts=206	MaxkeV=71		
UVSP	11:24				Qual=01	Exp #=71669	Rast=180"x1"	Step=0"	Pitch=-131", Yaw=-328"
Event # = 21828									
88/08/05,17:47	DOY=218	Peak							
Optical				End times	Ha...Class=SF	AR5092	Mac.=FKI	Carr.Lon.=300deg	H. Ang=40deg
GOES					N27W36				
BCS	17:46	17:47	18:00		Qual=00	FePeak=17:47	FePeak.c/s=8	#Peaks=1	dt= 7.7s XEN=821802
FCS					Qual= 5		Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
UVSP	17:50				Wavelength=1375A	Exp #=71677	Rast=265"x265"	Step=5"	Pitch=-246", Yaw=-538"
Event # = 9327									
88/08/06,02:09	DOY=219	Peak							
GOES	02:02	02:09	02:21	End times	SMM Pointing: N32W36		Pitch=-241", Yaw=-594", Roll=-20deg		H. Ang=43deg
HXRBS*	02:02:46	02:02:55	02:03:41		Importance=89	Tot Cts=294	MaxkeV=71		
UVSP	02:28				Qual=01	Exp #=71704	Rast=180"x1"	Step=0"	Pitch=-105", Yaw=-417"
Event # = 21829									
88/08/06,03:57	DOY=219	Peak							
GOES	03:38	03:57	04:01	End times	Qual=01	FePeak=03:54	FePeak.c/s=12	#Peaks=1	dt= 7.7s XEN=821900
BCS					Qual= 1		Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
FCS	03:42	03:53	04:08		Importance=C2	Exp #=71706	Rast=180"x1"	Step=0"	Pitch=-102", Yaw=-426"
UVSP	04:01				CaPeak.c/s=44				
Event # = 21830									
88/08/06,04:45	DOY=219	Peak							
GOES	04:44	04:45	05:06	End times	Qual=00	FePeak=04:45	FePeak.c/s=7	#Peaks=1	dt= 7.7s XEN=821901
BCS					Qual= 5		Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
FCS					Wavelength=2788A	Exp #=71707	Rast=180"x1"	Step=0"	Pitch=-101", Yaw=-429"
UVSP	04:39								
Event # = 9328									
88/08/06,05:23	DOY=219	Peak							
Optical				End times	SMM Pointing: N32W38		Pitch=-235", Yaw=-616", Roll=-20deg		H. Ang=44deg
GOES	05:13	05:23	05:40		Ha...Class=SF	N31E55		Carr.Lon.=202deg	H. Ang=57deg
HXRBS*	05:20:06	05:21:20	05:22:00		Importance=C3	Tot Cts=1106	MaxkeV=131		
UVSP	05:36				Qual=01	Exp #=71708	Rast=180"x1"	Step=0"	Pitch=-100", Yaw=-434"





Event # = 9332									
88/08/07, 15:19	DOY=220	Start	End times	SMM Pointing:	S14W20		Pitch=+411", Yaw=-188", Roll=-20deg	H. Ang=28deg	
Optical				Ha...Class=SF	N25W62	AR5092	Mac. =FHI	Carr. Lon.=301deg	H. Ang=62deg
GOES	15:16	15:19	15:47	Importance=C6	Qual=03				
HXRBS*	15:15:14	15:16:45	15:19:16	Peak...c/s=1176	Qual=01	Tot Cts=31811	MaxkeV=224	Flags=M5	
UVSP	15:07			Wavelength=2788A	Code=01	Exp #=71768	Rast=180"x1"	Pitch=+290", Yaw=-4"	
Radio	Frequency(MHz)/Flux(sfu): 8800/140 15400/57								
Event # = 9333									
88/08/07, 16:58	DOY=220	Start	End times	SMM Pointing:	S14W21		Pitch=+415", Yaw=-202", Roll=-20deg	H. Ang=29deg	
GOES				Peak...c/s=62	Qual=00				
HXRBS*	16:58:27	16:58:30	16:58:53	Wavelength=1375A	Qual=01	Tot Cts=262	MaxkeV=71		
UVSP	16:53					Exp #=71771	Rast=10"x10"	Step=0"	Pitch=+304", Yaw=-307"
Event # = 9334									
88/08/07, 20:06	DOY=220	Start	End times	SMM Pointing:	S14W23		Pitch=+421", Yaw=-226", Roll=-20deg	H. Ang=30deg	
GOES				Peak...c/s=122	Qual=00				
HXRBS*	20:06:31	20:06:45	20:07:10	Wavelength=1375A	Qual=01	Tot Cts=560	MaxkeV=71		
UVSP	20:03					Exp #=71778	Rast=10"x10"	Step=0"	Pitch=+450", Yaw=-255"
Event # = 9335									
88/08/07, 23:08	DOY=220	Start	End times	SMM Pointing:	S14W25		Pitch=-389", Yaw=-319", Roll=90deg	H. Ang=32deg	
GOES	23:04	23:08	23:10	Importance=C1	Qual=01				
HXRBS*	23:06:06	23:06:19	23:06:40	Peak...c/s=93	Qual=01	Tot Cts=444	MaxkeV=101		
UVSP	23:06			Wavelength=2788A	Code=00	Exp #=71790	Rast=243"x243"	Step=3"	Pitch=-377", Yaw=-306"
Event # = 9336									
88/08/07, 23:59	DOY=220	Start	End times	SMM Pointing:	S14W25		Pitch=-389", Yaw=-319", Roll=90deg	H. Ang=32deg	
GOES	23:52	23:59	00:16	Importance=C2	Qual=02				
HXRBS*	23:53:21	23:53:42	23:53:58	Peak...c/s=107	Qual=11	Tot Cts=1253	MaxkeV=71	Flags=IS	
UVSP	00:31			Wavelength=2788A		Exp #=71791	Rast=180"x1"	Step=0"	Pitch=+313", Yaw=+185"
Event # = 9337									
88/08/08, 00:47	DOY=221	Start	End times	SMM Pointing:	S14W25	88/08/08 DOY=221	Pitch=+434", Yaw=-257", Roll=-20deg	H. Ang=32deg	
GOES				Peak...c/s=63	Qual=00				
HXRBS*	00:46:56	00:47:05	00:47:13	Wavelength=2788A	Qual=01	Tot Cts=141	MaxkeV=71		
UVSP	00:31					Exp #=71791	Rast=180"x1"	Step=0"	Pitch=+313", Yaw=+185"
Event # = 9338									
88/08/08, 01:31	DOY=221	Start	End times	SMM Pointing:	S14W26		Pitch=+435", Yaw=-267", Roll=-20deg	H. Ang=33deg	
Optical				Ha...Class=SF	N28W62	AR5092	Mac. =FKI	Carr. Lon.=295deg	H. Ang=62deg
GOES	01:27	01:31	01:34	Importance=C1	Qual=01				
HXRBS*	01:27:51	01:27:59	01:28:12	Peak...c/s=94	Qual=01	Tot Cts=389	MaxkeV=101		
UVSP	01:26			Wavelength=2788A	Code=00	Exp #=71792	Rast=180"x1"	Step=0"	Pitch=+315", Yaw=-84"

Event # = 9339	DOY=221	SMM Pointing:	S14W26	Pitch=+435", Yaw=-267", Roll=-20deg	H.Ang=33deg
88/08/08, 02:27	Peak	End times			
GOES 02:16	02:27	02:50	Qual=01		
HXRBS* 02:25:20	02:26:23	02:26:48	Importance=C2		
UVSP 02:05			Peak...c/s=59		
			Wavelength=2788A	Step=0"	Pitch=+316", Yaw=-89"
				MaxkeV=71	
				Rast=180"x1"	
				Tot Cts=554	
				Exp #=71793	
Event # = 9606	DOY=221	SMM Pointing:	S14W29	Pitch=+448", Yaw=-310", Roll=-20deg	H.Ang=35deg
88/08/08, 07:11	Peak	End times			
GOES 07:04	07:11	07:36	Qual=01		
HXRBS 07:09:03	07:09:42	07:10:52	Importance=C2		
UVSP 06:47			Peak...c/s=86		
			Wavelength=2788A		
				Step=0"	Pitch=+327", Yaw=-125"
				MaxkeV=71	
				Rast=180"x1"	
				Tot Cts=2170	
				Exp #=71799	
Event # = 9607	DOY=221	SMM Pointing:	S14W37	Pitch=+477", Yaw=-411", Roll=-20deg	H.Ang=42deg
88/08/08, 21:09	Peak	End times			
GOES 21:05	21:09	21:26	Qual=01		
HXRBS 21:05:37	21:05:55	21:06:20	Importance=C2		
UVSP 21:08			Peak...c/s=74		
			Wavelength=1375A		
				Step=0"	Pitch=+475", Yaw=-464"
				MaxkeV=71	
				Rast=10"x10"	
				Tot Cts=387	
				Exp #=71824	
Event # = 9608	DOY=221	SMM Pointing:	S14W37	Pitch=+477", Yaw=-411", Roll=-20deg	H.Ang=42deg
88/08/08, 21:41	Peak	End times			
GOES 21:37	21:41	21:45	Qual=01		
HXRBS 21:36:15	21:37:10	21:38:12	Importance=C2		
UVSP 21:35			Peak...c/s=101		
			Wavelength=1375A		
				Step=0"	Pitch=+476", Yaw=-457"
				MaxkeV=71	
				Rast=10"x10"	
				Tot Cts=1580	
				Exp #=71828	
88/08/09 DOY=222					
Event # = 9340	DOY=222	SMM Pointing:	S14W39	Pitch=+486", Yaw=-442", Roll=-20deg	H.Ang=44deg
88/08/09, 02:33	Peak	End times			
GOES 02:25	02:33	02:40	Qual=01		
HXRBS* 02:26:16	02:26:34	02:32:45	Importance=C2		
UVSP 02:31			Peak...c/s=70		
			Wavelength=2788A		
				Step=0"	Pitch=+366", Yaw=-263"
				MaxkeV=224	
				Rast=180"x1"	
				Tot Cts=5202	
				Exp #=71839	
Event # = 9341	DOY=222	SMM Pointing:	S14W41	Pitch=+491", Yaw=-463", Roll=-20deg	H.Ang=45deg
88/08/09, 05:37	Peak	End times			
GOES 05:32	05:37	05:51	Qual=01		
HXRBS* 05:34:42	05:35:01	05:35:35	Importance=C2		
UVSP 05:38			Peak...c/s=130		
			Wavelength=2788A		
				Step=0"	Pitch=+372", Yaw=-284"
				MaxkeV=43	
				Rast=180"x1"	
				Tot Cts=1230	
				Exp #=71843	
Event # = 9342	DOY=222	SMM Pointing:	S14W42	Pitch=+494", Yaw=-473", Roll=-20deg	H.Ang=46deg
88/08/09, 06:44	Peak	End times			
Optical 06:27	06:44	07:43	Ha...Class=1N		
HXRBS* 06:35:08	06:36:38	06:44:29	Importance=C5		
UVSP 06:17			Peak...c/s=291		
			Wavelength=2788A		
				Step=0"	Pitch=+373", Yaw=-288"
				MaxkeV=80	
				Rast=180"x1"	
				Tot Cts=24071	
				Exp #=71844	
				Carr. Lon.=154deg	H.Ang=63deg



Event # = 21836									
88/08/10,06:42	Start	DOY=223	Peak						
Optical				End times					
G0ES	06:32	06:42		07:10	Ha...Class=SF	S15W38	AR5101	Mac.=EKI	Carr. Lon.=242deg
BCS	06:21	06:21		06:24	Ha...Class=SF	N23W02	AR5099		Carr. Lon.=206deg
FCS					Importance=C2	Qual=03			H. Ang=43deg
UVSP	06:46				CaPeak.c/s=19	Qual=4	FePeak=06:23		H. Ang=17deg
					Wavelength=2788A	Code=02	Exp #=71885		
Event # = 9348									
88/08/10,08:07	Start	DOY=223	Peak						
Optical				End times					
G0ES	07:39	08:07		09:02	SMM Pointing:	N25E01		Pitch=-292", Yaw=-83", Roll=-20deg	H. Ang=19deg
HXRBS*	07:36:31	07:40:11		08:17:45	Ha...Class=SF	S15W57	AR5101	Mac.=EKI	Carr. Lon.=260deg
UVSP	08:19				Importance=C7	Qual=03			H. Ang=60deg
					Peak...c/s=300	Qual=01	Tot Cts=83801	MaxkeV=80	
					Wavelength=2788A		Exp #=71887	Rast=180"x1"	Pitch=-156", Yaw=+96"
Event # = 9349									
88/08/10,09:15	Start	DOY=223	Peak						
Optical				End times					
G0ES	09:03	09:15		09:29	SMM Pointing:	N25E01		Pitch=-288", Yaw=-94", Roll=-20deg	H. Ang=19deg
HXRBS*	09:11:19	09:12:41		09:19:20	Ha...Class=SF	N20E44	AR5106	Mac.=DA0	Carr. Lon.=158deg
UVSP	08:52				Importance=C7	Qual=01			H. Ang=45deg
					Peak...c/s=332	Qual=01	Tot Cts=16481	MaxkeV=80	Flags=M5
					Wavelength=2788A		Exp #=71888	Rast=180"x1"	Pitch=-154", Yaw=+92"
							Event # = 9616		
HXRBS	09:07:25	09:07:39		09:08:00	Associated	Qual=01	Tot Cts=487	MaxkeV=61	Flags=I
					Peak...c/s=101				
88/08/12 DOY=225									
Event # = 9350									
88/08/12,09:42	Start	DOY=225	Peak						
G0ES	09:40	09:42		09:46	SMM Pointing:	N25W25		Pitch=-165", Yaw=-453", Roll=-20deg	H. Ang=31deg
HXRBS*	09:39:54	09:40:20		09:40:37	Importance=C2	Qual=01			
UVSP	09:28				Peak...c/s=166	Qual=01	Tot Cts=1577	MaxkeV=80	
					Wavelength=2788A	Code=01	Exp #=71960	Rast=180"x1"	Pitch=-32", Yaw=-267"
88/08/13 DOY=226									
Event # = 9351									
88/08/13,18:39	Start	DOY=226	Peak						
Optical				End times					
G0ES	18:32	18:39		19:10	SMM Pointing:	N07W00		Pitch=-1", Yaw=+3", Roll=-20deg	H. Ang=0deg
HXRBS*	18:31:53	18:32:05		18:32:11	Ha...Class=SF	N25E03	AR5106	Mac.=DKI	Carr. Lon.=154deg
UVSP	18:22				Importance=B7	Qual=03			H. Ang=19deg
					Peak...c/s=50	Qual=01	Tot Cts=74	MaxkeV=43	
					Wavelength=2788A	Code=01	Exp #=72004	Rast=180"x1"	Pitch=+2", Yaw=+0"
88/08/15 DOY=228									
Event # = 9352									
88/08/15,01:57	Start	DOY=228	Peak						
Optical				End times					
G0ES	01:53	01:57		02:04	SMM Pointing:	N20W18		Pitch=-112", Yaw=-339", Roll=-20deg	H. Ang=22deg
HXRBS*	01:54:02	01:54:23		01:55:26	Ha...Class=SF	N26W14	AR5106	Mac.=EAI	Carr. Lon.=154deg
UVSP	01:57				Importance=C1	Qual=01			H. Ang=23deg
					Peak...c/s=59	Qual=01	Tot Cts=656	MaxkeV=43	
					Wavelength=1375A	Code=02	Exp #=72058	Rast=130"x130"	Pitch=-172", Yaw=-304"



[illegible]

Event # = 21840									
88/08/23, 21:23	Start	DOY=236	Peak	End times					
GOES	21:21	21:23		22:19	CaPeak.c/s=54	Qual=00	FePeak=21:28	FePeak.c/s=13	#Peaks=1 dt= 3.8s XEN=823601
BCS						Qual= 5		Rast=0"x0"	Step=0" Cad=4.10s 4.096s/pixel
FCS								Rast=265"x265"	Pitch=-661", Yaw=+715"
UVSP	21:26				Wavelength=1375A		Exp #=72370		
Event # = 21841									
88/08/23, 22:59	Start	DOY=236	Peak	End times					
GOES	22:55	22:59		23:53	CaPeak.c/s=30	Qual=00	FePeak=23:03	FePeak.c/s=15	#Peaks=1 dt= 7.7s XEN=823602
BCS						Qual= 5		Rast=0"x0"	Step=0" Cad=26s 0.256s/pixel
FCS								Rast=265"x265"	Pitch=-661", Yaw=+715"
UVSP	22:59				Wavelength=1375A		Exp #=72378		
88/08/24 DOY=237									
Event # = 21842									
88/08/24, 00:39	Start	DOY=237	Peak	End times					
GOES	00:30	00:39		01:27	CaPeak.c/s=21	Qual=00	FePeak=00:35	FePeak.c/s=14	#Peaks=1 dt= 7.7s XEN=823700
BCS					Peak3..c/s=515	Qual= 4		Rast=0"x0"	Step=0" Cad=1.02s 1.024s/pixel
FCS		01:21			Wavelength=1375A		Exp #=72387	Rast=130"x130"	Step=5" Pitch=-729", Yaw=+648"
UVSP	00:37								
88/08/25 DOY=238									
Event # = 9374									
88/08/25, 02:19	Start	DOY=238	Peak	End times	SMM Pointing:	N07W00		Pitch="+2", Yaw=-4", Roll=-20deg	H.Ang=0deg
Optical									
GOES	02:09	02:19		02:23	Ha...Class=SF	S22E72	AR5126	Carr.Lon.=296deg	H.Ang=76deg
HXRBS	02:17:45	02:17:51	02:18:08		Importance=C1	Qual=01			
Radio Sweeps		Type/Intensity:	111/2		Peak...c/s=65	Qual=01	Tot Cts=237	MaxkeV=71	
Event # = 9375									
88/08/25, 20:21	Start	DOY=238	Peak	End times	SMM Pointing:			Pitch=-480", Yaw=-960", Roll=-20deg	
GOES	20:19:48	20:21:40	20:25:05			Qual=00			
HXRBS					Peak...c/s=91	Qual=01	Tot Cts=5397	MaxkeV=131	Flags=AX
UVSP	20:23				Wavelength=1375A		Exp #=72432	Rast=265"x265"	Step=5" Pitch=-473", Yaw=-947"
88/08/26 DOY=239									
Event # = 9376									
88/08/26, 01:50	Start	DOY=239	Peak	End times	SMM Pointing:	N21W19		Pitch=-121", Yaw=-351", Roll=-20deg	H.Ang=23deg
Optical									
GOES	01:35	01:50	01:56		Ha...Class=SF	S23E70	AR5126	Mac.=EKO	Carr.Lon.=285deg
HXRBS	01:35:55	01:36:06	01:36:58		Importance=C1	Qual=01			H.Ang=75deg
UVSP	01:40				Peak...c/s=71	Qual=01	Tot Cts=684	MaxkeV=71	
					Wavelength=2788A	Code=00	Exp #=72460	Rast=243"x243"	Step=3" Pitch=+68", Yaw=-334"

Event # = 9377									
88/08/26,05:01	DOY=239	SMM Pointing:	N20W32	Pitch=-45", Yaw=-526", Roll=-20deg	H. Ang=34deg				
Optical	Start	End times							
GOES 04:46	05:01	Ha...Class=SN	S20E90						
HXRBS 04:46:14	04:46:42	Importance=C2	Qual=03						
UVSP 05:03		Peak...c/s=71	Qual=01						
		Wavelength=2788A	Code=02	MaxkeV=101					
				Rast=180"x1"	Pitch=+91", Yaw=-347"				
Event # = 9378									
88/08/26,06:17	DOY=239	SMM Pointing:	N19W33	Pitch=-41", Yaw=-537", Roll=-20deg	H. Ang=34deg				
Optical	Start	End times							
GOES 06:17:53	06:17:59	Peak...c/s=78	Qual=00						
HXRBS 06:36		Wavelength=2788A	Qual=11	MaxkeV=162					
UVSP				Rast=180"x1"	Pitch=+94", Yaw=-358"				
Event # = 9379									
88/08/26,11:24	DOY=239	SMM Pointing:	N20W36	Pitch=-33", Yaw=-569", Roll=-20deg	H. Ang=37deg				
Optical	Start	End times							
GOES 11:13	11:24	Ha...Class=SF	S20E66						
HXRBS 11:15:19	11:20:15	Importance=M1	Qual=01						
UVSP 11:18		Peak...c/s=153	Qual=01						
		Wavelength=2788A	Code=00	Mac.=EKO					
Radio	Frequency(MHz)/Flux(sfu):	245/82 4995/65 8800/54		MaxkeV=162					
				Rast=180"x1"	Pitch=+103", Yaw=-389"				
88/08/27 DOY=240									
Event # = 9380									
88/08/27,12:05	DOY=240	SMM Pointing:	N19W49	Pitch=+5", Yaw=-724", Roll=-20deg	H. Ang=50deg				
Optical	Start	End times							
GOES 11:55	12:05	Ha...Class=SF	S19E76						
HXRBS 11:58:36	11:59:02	Importance=C4	Qual=04						
UVSP 12:22		Peak...c/s=207	Qual=01						
		Wavelength=2788A		MaxkeV=101					
				Rast=180"x1"	Pitch=+140", Yaw=-542"				
Event # = 9381									
88/08/27,23:04	DOY=240	SMM Pointing:	S24E44	Pitch=+228", Yaw=+721", Roll=-20deg	H. Ang=53deg				
Optical	Start	End times							
GOES 22:59	23:04	Importance=C1	Qual=01						
HXRBS 23:00:08	23:01:11	Peak...c/s=60	Qual=01						
UVSP 23:19		Wavelength=2788A		MaxkeV=71					
				Rast=180"x1"	Pitch=+109", Yaw=+648"				
88/08/28 DOY=241									
Event # = 21843									
88/08/28,03:43	DOY=241								
Optical	Start	End times							
GOES 03:35	03:43	Ha...Class=SN	S19E72						
BCS 03:40	03:42	Importance=C5	Qual=03						
FCS		CaPeak.c/s=67	Qual=1						
UVSP 03:15		Wavelength=1375A	Code=00						
				Mac.=DAO					
				Carr. Lon.=255deg	H. Ang=76deg				
				FePeak.c/s=14	#Peaks=1				
				Rast=240"x240"	dt= 3.8s				
				Rast=10"x10"	Cad= 131s				
					Step=15"				
					Step=0"				
					Pitch=+189", Yaw=+663"				



Event # = 21844									
88/08/28 11:34	DOY=241	Peak							
GOES 11:25	11:34	End times							
BCS 11:31	11:33	12:13							
FCS 11:31	11:33	11:45	Importance=C3	Qual=03					
UVSP 11:51			CaPeak.c/s=26	Qual=4	FePeak=11:31				
			Wavelength=2788A		Exp #=72541	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=824101
						Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
						Rast=180"x1"	Step=0"	Pitch=+143"	Yaw=+577"
Event # = 9382									
88/08/28 14:14	DOY=241	Peak							
Optical		End times	SMM Pointing:	S24E36					
GOES 14:10	14:14	14:21	Ha...Class=SF	S19E68					
HXRBS 14:10:32	14:11:08	14:11:21	Importance=C1	Qual=01	AR5131	Mac.=DA0	Carr.Lon.=254deg	H.Ang=72deg	
UVSP 13:59			Peak...c/s=59	Qual=01	Tot Cts=200	MaxkeV=71			
			Wavelength=2788A	Code=01	Exp #=72544	Rast=180"x1"	Step=0"	Pitch=+149"	Yaw=+564"
88/08/29 DOY=242									
Event # = 21845									
88/08/29 03:09	DOY=242	Peak							
GOES 03:01	03:09	End times							
BCS 03:08	03:10	03:20	Importance=C1	Qual=01					
FCS 03:08	03:08	03:10	CaPeak.c/s=19	Qual=4	FePeak=03:09	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=824200
UVSP 02:43			Wavelength=1375A	Code=00	Exp #=72572	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
						Rast=265"x265"	Step=5"	Pitch=+103"	Yaw=+833"
Event # = 21846									
88/08/29 09:32	DOY=242	Peak							
GOES 09:27	09:32	End times							
BCS 09:16	09:31	09:42	Importance=C2	Qual=01					
FCS 09:16	09:31	09:44	CaPeak.c/s=38	Qual=1	FePeak=09:30	FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=824201
UVSP 09:11			Wavelength=1375A	Code=00	Exp #=72576	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
						Rast=265"x265"	Step=5"	Pitch=+712"	Yaw=-363"
Event # = 9383									
88/08/29 09:52	DOY=242	Peak							
Optical		End times	SMM Pointing:	S19E52					
GOES 09:43	09:52	10:21	Ha...Class=SN	S16E57	AR5131	Mac.=EKI	Carr.Lon.=254deg	H.Ang=61deg	
HXRBS 09:46:25	09:48:24	09:51:25	Importance=C5	Qual=03	Tot Cts=22633	MaxkeV=131	Flags=M5		
BCS 09:46	09:49	09:53	Peak...c/s=555	Qual=01	FePeak=09:49	FePeak.c/s=49	#Peaks=1	dt= 3.8s	XEN=824202
FCS 09:46	09:49	09:53	CaPeak.c/s=151	Qual=1	Exp #=72576	Rast=25"x25"	Step=5"	Cad=25.6s	1.024s/pixel
UVSP 09:11			Wavelength=1375A	Code=00		Rast=265"x265"	Step=5"	Pitch=+712"	Yaw=-363"
Event # = 9384									
88/08/29 11:09	DOY=242	Peak							
GOES 11:01	11:09	End times	SMM Pointing:	S19E51					
HXRBS 11:04:28	11:04:56	11:06:33	Importance=C2	Qual=01	Tot Cts=927	MaxkeV=71	#Peaks=1	dt= 7.7s	XEN=824203
BCS 11:04	11:07	11:20	Peak...c/s=63	Qual=01	FePeak=11:06	FePeak.c/s=9	Step=5"	Cad=1083s	2.048s/pixel
FCS 11:04	11:07	11:20	CaPeak.c/s=45	Qual=1	Exp #=72577	Rast=115"x115"	Step=3"	Pitch=+123"	Yaw=+797"
UVSP 10:46			Wavelength=2788A	Code=00		Rast=243"x243"			



Event # = 21851									
88/08/29, 20:38									
DOY=242									
Peak									
Start									
20:38									
20:38									
GOES									
20:24									
20:38									
BCS									
20:03									
20:38									
FCS									
UVSP									
20:44									
Importance=C3									
Qual=03									
Qual=1									
FePeak=20:35									
CaPeak.c/s=71									
Wavelength=2788A									
Code=02									
Exp #=72589									
FePeak.c/s=19									
#Peaks=2									
Step=10"									
Step=0"									
dt= 7.7s									
Cad=36.9s									
Pitch=+22"									
Yaw=+663"									
XEN=824210									
1.024s/pixel									
88/08/30									
DOY=243									
Event # = 21852									
88/08/30, 01:54									
DOY=243									
Peak									
Start									
01:54									
02:12									
GOES									
01:26									
02:12									
BCS									
02:10									
02:24									
FCS									
UVSP									
02:00									
Importance=C3									
Qual=05									
Qual=5									
FePeak=02:12									
CaPeak.c/s=37									
Wavelength=2788A									
Code=02									
Exp #=72596									
FePeak.c/s=12									
#Peaks=1									
Step=0"									
Step=0"									
dt= 7.7s									
Cad=1.02s									
Pitch=+37"									
Yaw=+634"									
XEN=824300									
1.024s/pixel									
88/08/30									
DOY=243									
Event # = 21853									
88/08/30, 04:05									
DOY=243									
Peak									
Start									
04:05									
04:06									
GOES									
04:01									
04:05									
BCS									
04:06									
04:09									
FCS									
UVSP									
03:48									
Ha...Class=SF									
S20E45									
AR5131									
Mac.=EKI									
Carr.Lon.=256deg									
H.Ang=52deg									
Importance=C1									
Qual=01									
Qual=4									
FePeak=04:06									
CaPeak.c/s=19									
Wavelength=1375A									
Code=00									
Exp #=72599									
FePeak.c/s=6									
#Peaks=1									
Step=0"									
Step=0"									
dt= 7.7s									
Cad=1.02s									
Pitch=+157"									
Yaw=+740"									
XEN=824302									
1.024s/pixel									
88/08/30									
DOY=243									
Event # = 21854									
88/08/30, 04:13									
DOY=243									
Peak									
Start									
04:13									
04:14									
GOES									
04:10									
04:12									
BCS									
04:12									
04:18									
FCS									
UVSP									
03:48									
Ha...Class=SF									
S20E45									
AR5131									
Mac.=EKI									
Carr.Lon.=256deg									
H.Ang=52deg									
Importance=C1									
Qual=01									
Qual=4									
FePeak=04:14									
CaPeak.c/s=22									
Wavelength=1375A									
Code=00									
Exp #=72599									
FePeak.c/s=7									
#Peaks=1									
Step=0"									
Step=0"									
dt= 7.7s									
Cad=1.02s									
Pitch=+157"									
Yaw=+740"									
XEN=824303									
1.024s/pixel									
88/08/30									
DOY=243									
Event # = 21855									
88/08/30, 07:05									
DOY=243									
Peak									
Start									
07:05									
07:08									
GOES									
07:00									
07:08									
BCS									
07:08									
07:09									
FCS									
UVSP									
07:02									
Ha...Class=SF									
S21E43									
AR5131									
Mac.=EKI									
Carr.Lon.=256deg									
H.Ang=51deg									
Importance=C2									
Qual=01									
Qual=4									
FePeak=07:08									
CaPeak.c/s=23									
Wavelength=1375A									
Code=00									
Exp #=72601									
FePeak.c/s=6									
#Peaks=1									
Step=0"									
Step=5"									
dt= 3.8s									
Cad=1.02s									
Pitch=+180"									
Yaw=+688"									
XEN=824304									
1.024s/pixel									
88/08/30									
DOY=243									
Event # = 9390									
88/08/30, 13:56									
DOY=243									
Peak									
Start									
13:56									
13:57									
GOES									
13:46									
13:56									
HXRBS									
13:44:45									
13:47:42									
BCS									
13:45									
14:03									
FCS									
UVSP									
13:58									
SMM Pointing:									
S19E36									
AR5131									
Mac.=EKI									
Carr.Lon.=253deg									
H.Ang=44deg									
Importance=C5									
Qual=01									
Qual=1									
FePeak=13:55									
Peak...c/s=211									
CaPeak.c/s=261									
Wavelength=2788A									
Code=02									
Exp #=72607									
FePeak.c/s=44									
#Peaks=1									
Step=5"									
Step=0"									
dt= 7.7s									
Cad=25.6s									
Pitch=+72"									
Yaw=+562"									
XEN=824305									
1.024s/pixel									

Event # = 21856									
88/08/30, 17:47	DOY=243	Peak							
Optical		End times							
GOES 17:37	17:47	18:09	Ha...Class=SF	S21E40	AR5131	Mac.=EKI	Carr.Lon.=253deg	H.Ang=48deg	
BCS 17:48	17:49	18:15	Importance=C6	Qual=05		FePeak.c/s=46	#Peaks=1	dt= 3.8s	XEN=824306
FCS 17:49			CaPeak.c/s=330	Qual= 5		Rast=25"x25"	Step=5"	Cad=25.6s	1.024s/pixel
UVSP 17:41			Wavelength=2788A	Code=00	Exp #=72612	Rast=180"x1"	Step=0"	Pitch=+83"	Yaw=+539"
Event # = 9388									
88/08/30, 18:14	DOY=243	Peak							
Optical		End times							
GOES 18:12:54	18:14:00	18:15:40	SMM Pointing:	S19E34		Pitch=+201"	Yaw=+615"	Roll=-20deg	H.Ang=43deg
HXRBS 18:40			Ha...Class=SF	N18W78	AR5115	Mac.=DS0	Carr.Lon.=11deg	H.Ang=76deg	
UVSP 18:40			Peak...c/s=187	Qual=01	Tot Cts=738	MaxkeV=71	Step=0"	Pitch=+86"	Yaw=+532"
			Wavelength=2788A		Exp #=72613	Rast=180"x1"			
Event # = 9389									
88/08/30, 21:13	DOY=243	Peak							
Optical		End times							
GOES 21:03	21:13	21:25	SMM Pointing:	S19E33		Pitch=+210"	Yaw=+595"	Roll=-20deg	H.Ang=41deg
HXRBS 21:14:33	21:14:57	21:15:18	Importance=C2	Qual=01	Tot Cts=1036	MaxkeV=131	#Peaks=1	dt= 7.7s	XEN=824307
BCS 21:12	21:13	21:17	Peak...c/s=224	Qual=01	FePeak=21:14	FePeak.c/s=6	Step=0"	Cad=1.02s	1.024s/pixel
FCS 20:49			CaPeak.c/s=20	Qual= 4		Rast=180"x1"	Step=0"	Pitch=+92"	Yaw=+519"
UVSP 20:49			Wavelength=2788A		Exp #=72616				
88/08/31 DOY=244									
Event # = 9391									
88/08/31, 04:59	DOY=244	Peak							
Optical		End times							
GOES 04:58:44	04:59:17	04:59:53	SMM Pointing:	S19E28		Pitch=+238"	Yaw=+535"	Roll=-20deg	H.Ang=38deg
HXRBS 04:53			Ha...Class=IF	N22E06	AR5128	Mac.=EAI	Carr.Lon.=281deg	H.Ang=16deg	
UVSP 04:53			Peak...c/s=75	Qual=01	Tot Cts=428	MaxkeV=71	Step=0"	Pitch=+192"	Yaw=+425"
Radio Sweeps			Wavelength=1375A		Exp #=72629	Rast=10"x10"			
Radio Frequency(MHz)/Flux(sfu):			111/1						
			410/390						
Event # = 9392									
88/08/31, 05:11	DOY=244	Peak							
Optical		End times							
GOES 05:07	05:11	05:15	SMM Pointing:	S19E28		Pitch=+238"	Yaw=+535"	Roll=-20deg	H.Ang=38deg
HXRBS 05:07:32	05:09:23	05:11:22	Ha...Class=IF	N22E06	AR5128	Mac.=EAI	Carr.Lon.=281deg	H.Ang=16deg	
UVSP 04:53			Importance=C4	Qual=01	Tot Cts=1806	MaxkeV=71	Step=0"	Pitch=+192"	Yaw=+425"
			Peak...c/s=68	Qual=01	Exp #=72629	Rast=10"x10"			
			Wavelength=1375A	Code=00					
Event # = 21857									
88/08/31, 05:32	DOY=244	Peak							
Optical		End times							
GOES 05:29	05:32	05:43	CaPeak.c/s=69	Qual=00	FePeak=05:31	FePeak.c/s=14	#Peaks=1	dt= 3.8s	XEN=824400
BCS 04:53			Wavelength=1375A	Qual= 1	Exp #=72629	Rast=10"x10"	Step=0"	Cad=1.02s	1.024s/pixel
UVSP 04:53							Step=0"	Pitch=+192"	Yaw=+425"

Event # = 21858									
88/08/31, 09:48	DOY=244	Peak	End times						
GOES 09:48	09:48	09:50	CaPeak.c/s=19	Qual=00	FePeak=09:48	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=824401
BCS				Qual= 5		Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
FCS					Exp #=72643	Rast=265"x265"	Step=5"	Pitch=+390"	Yaw=-396"
UVSP 09:46			Wave length=1375A						
Event # = 9395									
88/08/31, 14:20	DOY=244	Peak	End times	S19E23		Pitch=+266"	Yaw=+467"	Roll=-20deg	H. Ang=34deg
GOES 14:18	14:20	14:24	Importance=C1	Qual=01					
HXRBS 14:18:43	14:19:12	14:19:23	Peak...c/s=61	Qual=01	Tot Cts=244	MaxkeV=71			
UVSP 14:03			Wave length=2788A	Code=01	Exp #=72657	Rast=180"x1"	Step=0"	Pitch=+145"	Yaw=+399"
Event # = 9396									
88/08/31, 14:32	DOY=244	Peak	End times	S19E23		Pitch=+266"	Yaw=+467"	Roll=-20deg	H. Ang=34deg
GOES 14:30	14:32	14:35	Importance=C1	Qual=01					
HXRBS 14:32:39	14:32:50	14:33:00	Peak...c/s=55	Qual=01	Tot Cts=101	MaxkeV=71			
UVSP 14:03			Wave length=2788A		Exp #=72657	Rast=180"x1"	Step=0"	Pitch=+145"	Yaw=+399"
Radio Frequency(MHz)/Flux(sfu): 245/240									
Event # = 21859									
88/08/31, 18:12	DOY=244	Peak	End times			Mac.=EKC	Carr. Lon.=254deg		H. Ang=39deg
Optical					AR5131				
GOES 18:04	18:12	18:23	Ha...Class=SF	S22E26		FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=824402
BCS 18:08	18:12	18:14	Importance=C1	Qual=03	FePeak=18:11	Rast=0"x0"	Step=0"	Cad=.00s	33.02s/pixel
FCS			CaPeak.c/s=29	Qual= 2		Rast=180"x1"	Step=0"	Pitch=+158"	Yaw=+369"
UVSP 18:09			Wave length=2788A	Code=00	Exp #=72662				
Event # = 9397									
88/08/31, 20:27	DOY=244	Peak	End times	S19E19		Pitch=+286"	Yaw=+422"	Roll=-20deg	H. Ang=32deg
GOES 20:25:27	20:27:19	20:28:58	Peak...c/s=80	Qual=00					
HXRBS 20:25:27	20:27:19	20:28:58	Importance=C1	Qual=01	Tot Cts=3769	MaxkeV=162			
UVSP 20:18			Wave length=2788A		Exp #=72665	Rast=180"x1"	Step=0"	Pitch=+165"	Yaw=+353"
Event # = 9398									
88/08/31, 21:02	DOY=244	Peak	End times	S19E19		Pitch=+286"	Yaw=+422"	Roll=-20deg	H. Ang=32deg
GOES 21:00:27	21:01:07	21:01:22	Importance=C1	Qual=01					
HXRBS 21:00:27	21:01:07	21:01:22	Peak...c/s=80	Qual=01	Tot Cts=778	MaxkeV=71			
UVSP 21:16			Wave length=2788A		Exp #=72666	Rast=180"x1"	Step=0"	Pitch=+168"	Yaw=+345"
Event # = 9399									
88/08/31, 21:15	DOY=244	Peak	End times	S19E19		Pitch=+286"	Yaw=+422"	Roll=-20deg	H. Ang=32deg
Optical					AR5131	Mac.=EKC	Carr. Lon.=253deg		H. Ang=33deg
GOES 21:09	21:15	21:25	Ha...Class=SF	S15E25		MaxkeV=71			
HXRBS 21:11:35	21:12:02	21:12:16	Importance=C2	Qual=03	Tot Cts=917	FePeak.c/s=21	#Peaks=1	dt= 7.7s	XEN=824403
BCS 21:11	21:13	21:22	Peak...c/s=111	Qual=01	FePeak=21:12	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
FCS			CaPeak.c/s=81	Qual= 1		Rast=180"x1"	Step=0"	Pitch=+168"	Yaw=+345"
UVSP 21:16			Wave length=2788A	Code=02	Exp #=72666				

Event # = 9400	DOY=244	SMM Pointing:	S19E18	Pitch=+296", Yaw=+400", Roll=-20deg	H.Ang=31deg
88/08/31, 23:44	Peak	End times			
GOES	23:44:30	23:44:42	23:45:45	MaxkeV=101	
HXRBS	23:26			Rast=180"x1"	Pitch=+174", Yaw=+329"
UVSP				Step=0	
88/09/01 DOY=245					
Event # = 9402	DOY=245	SMM Pointing:	S19E16	Pitch=+306", Yaw=+373", Roll=-20deg	H.Ang=30deg
88/09/01, 02:51	Peak	End times			
Optical				Mac.=EKC	H.Ang=33deg
GOES	02:48	02:51	02:59	MaxkeV=131	
HXRBS	02:52:43	02:52:57	02:53:25	FePeak.c/s=11	#Peaks=1 dt= 7.7s XEN=824500
BCS	02:50	02:50	02:52	Rast=240"x240"	Cad= 590s 1.024s/pixel
FCS	02:51	02:51	02:52	Rast=10"x10"	Step=0" Pitch=+350", Yaw=+389"
UVSP	02:49			Exp # = 72674	
				Wave length=1375A	
				Code=00	
				Associated	
				Event # = 20517	
BCS	02:53	02:53	02:54	Qual= 1	FePeak=02:53
FCS	02:54	02:54	02:54	Peak3...c/s=14	
				Associated	
				Event # = 9401	
HXRBS	02:48:35	02:48:46	02:50:19	Qual=01	Tot Cts=1455
UVSP	02:45			Wave length=1375A	Exp # = 72673
88/09/01, 07:38 DOY=245					
Event # = 21860	DOY=245	SMM Pointing:	S21E16	Pitch=+325", Yaw=+326", Roll=-20deg	H.Ang=29deg
88/09/01, 07:38	Peak	End times			
Optical				Mac.=EKC	H.Ang=32deg
GOES	07:36	07:38	07:47	FePeak.c/s=7	#Peaks=1 dt= 7.7s XEN=824502
BCS	07:38	07:38	07:41	Rast=240"x240"	Cad= 262s 1.024s/pixel
FCS	07:39	07:39	07:41	Rast=10"x10"	Step=0" Pitch=+340", Yaw=+412"
UVSP	07:39			Exp # = 72697	
				Wave length=1375A	
				Code=02	
Event # = 9403	DOY=245	SMM Pointing:	S19E13	Pitch=+325", Yaw=+326", Roll=-20deg	H.Ang=29deg
88/09/01, 09:49	Peak	End times			
GOES	09:47	09:49	09:52	Importance=C1	
HXRBS	09:47:44	09:47:56	09:48:24	Peak...c/s=90	
UVSP	09:10			Wave length=2788A	
				Code=00	
Event # = 9404	DOY=245	SMM Pointing:	S05W00	Pitch=+191", Yaw=+62", Roll=-20deg	H.Ang=12deg
88/09/01, 17:25	Peak	End times			
GOES	17:24	17:25	17:27	Importance=B9	
HXRBS	17:25:33	17:25:52	17:26:02	Peak...c/s=60	
UVSP	17:01			Wave length=1375A	
				Code=00	
Event # = 9405	DOY=245	SMM Pointing:	S05W01	Pitch=+196", Yaw=+48", Roll=-20deg	H.Ang=12deg
88/09/01, 18:49	Peak	End times			
Optical				Carr. Lon.=277deg	H.Ang=17deg
GOES	18:33	18:49	19:36	MaxkeV=71	
HXRBS	18:36:36	18:39:58	18:45:02	Rast=200"x200"	Pitch=+231", Yaw=+105"
UVSP	18:35			Step=5" Step=5" Step=5"	
Radio Sweeps		Type/Intensity:	II/2		



Event # = 21862									
88/09/03,02:23	DOY=247								
Start	Peak	End times							
GOES 02:18	02:23	02:32							
BCS 02:22	02:23	02:25	Importance=C1	Qual=01					
FCS			CaPeak.c/s=20	Qual= 4	FePeak=02:22				
UVSP 02:24			Wavelength=1375A	Code=02	Exp #=72845	FePeak.c/s=10	#Peaks=1	dt= 7.7s	XEN=824700
						Rast=0"x0"	Step=0"	Cad= .00s	33.02s/pixel
						Rast=265"x265"	Step=5"	Pitch=+407"	Yaw=+54"
Event # = 9411									
88/09/03,05:34	DOY=247								
Start	Peak	End times							
Optical			SMM Pointing:	S17W08					
GOES 05:27	05:34	05:37	Ha...Class=SF	S21W14					
HXRBS 05:29:05	05:29:29	05:29:54	Importance=C3	Qual=01	AR5131				
BCS 05:30	05:33	05:36	Peak...c/s=147	Qual=01					
FCS			CaPeak.c/s=68	Qual= 1	Tot Cts=1158	MaxkeV=101	#Peaks=2	dt= 7.7s	XEN=824701
UVSP 05:39	05:30		Peak3...c/s=41		FePeak=05:33	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
			Wavelength=2788A	Code=02	Exp #=72848	Rast=180"x1"	Step=0"	Pitch=+288"	Yaw=+199"
				Associated	Event # = 9412				
HXRBS 05:31:53	05:32:45	05:33:42	Peak...c/s=98	Qual=01	Tot Cts=928	MaxkeV=71			
Event # = 9413									
88/09/03,05:39	DOY=247								
Start	Peak	End times							
Optical			SMM Pointing:	S17W08					
GOES 05:37	05:39	05:44	Importance=C1	Qual=01					
HXRBS 05:37:36	05:38:37	05:39:08	Peak...c/s=63	Qual=01	Tot Cts=503	MaxkeV=71	#Peaks=1	dt= 7.7s	XEN=824702
BCS 05:38	05:39	05:41	CaPeak.c/s=23	Qual= 4	FePeak=05:38	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
FCS			Peak3...c/s=21		Exp #=72848	Rast=180"x1"	Step=0"	Pitch=+288"	Yaw=+199"
UVSP 05:39	05:40		Wavelength=2788A	Code=02					
Event # = 9414									
88/09/03,07:08	DOY=247								
Start	Peak	End times							
Optical			SMM Pointing:	S17W09					
GOES 07:04:08	07:08:12	07:17:11	Peak...c/s=90	Qual=00					
HXRBS 07:13			Wavelength=2788A	Qual=01	Tot Cts=9588	MaxkeV=71	Step=0"	Pitch=+292"	Yaw=+186"
UVSP					Exp #=72849	Rast=180"x1"			
Event # = 21863									
88/09/03,08:54	DOY=247								
Start	Peak	End times							
Optical									
GOES 08:43	08:54	09:10	Importance=C2	Qual=03					
BCS 08:52	08:52	08:53	CaPeak.c/s=20	Qual= 2	FePeak=08:52	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=824703
FCS			Peak3...c/s=15		Exp #=72850	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
UVSP 08:48	08:52		Wavelength=2788A	Code=00		Rast=180"x1"	Step=0"	Pitch=+297"	Yaw=+173"
Event # = 9418									
88/09/03,13:22	DOY=247								
Start	Peak	End times							
Optical			SMM Pointing:	N33E76					
GOES 13:15	13:22	13:40	Ha...Class=SF	S22W14					
HXRBS 13:17:15	13:19:21	13:21:04	Importance=C3	Qual=03	AR5131				
UVSP 13:20			Peak...c/s=92	Qual=01	Tot Cts=2928	MaxkeV=71	Carr. Lon.=257deg	H. Ang=32deg	
			Wavelength=1375A	Code=00	Exp #=72858	Rast=265"x265"	Step=5"	Pitch=-721"	Yaw=+580"



Event # = 9415	DOY=247	SMM Pointing:	S17W14	Pitch=+437", Yaw=-68", Roll=-20deg	H.Ang=28deg
88/09/03 16:18	Peak	End times			
Optical					
GOES 16:14	16:18	Ha...Class=SF	S22W14	Mac.=EK1	Carr.Lon.=255deg
GOES 16:17:17	16:17:35	Importance=C1	Qual=01		
HXRBS 16:19	16:19	Peak...c/s=94	Qual=01		
BCS 16:19	16:27	CaPeak.c/s=34	Qual=1		
FCS 16:11	16:19	Peak3...c/s=22	Tot Cts=918	MaxkeV=71	dt= 7.7s
UVSP		Wavelength=1375A	FePeak=16:19	Rast=240"x240"	Cad= 590s
			Exp #=72871	Rast=10"x10"	Pitch=+537", Yaw=-140"
			Code=00		
			88/09/04	DOY=248	
Event # = 9416	DOY=248	SMM Pointing:	S20W21	Pitch=+518", Yaw=-152", Roll=-20deg	H.Ang=34deg
88/09/04 06:45	Peak	End times			
GOES 06:42	06:45	Importance=C1	Qual=01		
HXRBS 06:43:10	06:43:34	Peak...c/s=61	Qual=01		
UVSP 05:56	06:43:54	Wavelength=2788A	Tot Cts=250	MaxkeV=71	
			Exp #=72933	Rast=243"x243"	Pitch=+526", Yaw=-140"
			Code=00		
Event # = 9417	DOY=248	SMM Pointing:	S20W25	Pitch=+536", Yaw=-210", Roll=-20deg	H.Ang=37deg
88/09/04 13:50	Peak	End times			
GOES 13:49:45	13:50:01	Peak...c/s=56	Qual=00		
HXRBS 13:50	13:50:19	Wavelength=1375A	Qual=01		
UVSP			Tot Cts=219	MaxkeV=71	
			Exp #=72946	Rast=10"x10"	Pitch=+580", Yaw=-300"
			Code=00		
Event # = 9419	DOY=248	SMM Pointing:	S20W29	Pitch=+551", Yaw=-263", Roll=-20deg	H.Ang=40deg
88/09/04 18:38	Peak	End times			
GOES 18:29	18:38	Importance=C1	Qual=01		
HXRBS 18:35:47	18:36:05	Peak...c/s=61	Qual=01		
BCS 18:36	18:39	CaPeak.c/s=29	Qual=1		
FCS 18:31	18:57	Peak3...c/s=37	Tot Cts=818	MaxkeV=71	dt= 7.7s
UVSP		Wavelength=1375A	FePeak=18:38	Rast=240"x240"	Cad= 590s
			Exp #=72970	Rast=10"x10"	Pitch=+591", Yaw=-333"
			Code=00		
Event # = 9420	DOY=248	SMM Pointing:	S20W29	Pitch=+551", Yaw=-263", Roll=-20deg	H.Ang=40deg
88/09/04 18:44	Peak	End times			
GOES 18:43	18:44	Importance=C2	Qual=01		
HXRBS 18:44:32	18:44:47	Peak...c/s=101	Qual=01		
UVSP 18:31	18:44:54	Wavelength=1375A	Tot Cts=373	MaxkeV=71	
			Exp #=72970	Rast=10"x10"	Pitch=+591", Yaw=-333"
			Code=00		
Event # = 9421	DOY=248	SMM Pointing:	S20W29	Pitch=+551", Yaw=-263", Roll=-20deg	H.Ang=40deg
88/09/04 18:46	Peak	End times			
GOES 18:45	18:46	Importance=C2	Qual=01		
HXRBS 18:45:40	18:45:52	Peak...c/s=55	Qual=01		
UVSP 18:45	18:46:05	Wavelength=1375A	Tot Cts=154	MaxkeV=71	
			Exp #=72971	Rast=265"x265"	Pitch=+559", Yaw=-253"
			Code=00		
Event # = 9422	DOY=248	SMM Pointing:	S20W29	Pitch=+551", Yaw=-263", Roll=-20deg	H.Ang=40deg
88/09/04 18:49	Peak	End times			
GOES 18:48	18:49	Importance=C2	Qual=01		
HXRBS 18:47:30	18:48:19	Peak...c/s=58	Qual=01		
UVSP 18:48	18:48:37	Wavelength=1375A	Tot Cts=511	MaxkeV=71	
			Exp #=72972	Rast=10"x10"	Pitch=+521", Yaw=-315"
			Code=00		

88/09/05 DOY=249									
Event # = 21864									
88/09/05, 15:39	DOY=249								
Start	Peak								
Optical		End times							
GOES 15:26	15:39		Ha...Class-SF	S18W40	AR5131	Mac.=EKI	Carr.Lon.=255deg	H.Ang=47deg	
BCS 14:45	15:39	16:28	Importance=C3	Qual=03					
FCS 15:08	15:08	15:42	CaPeak.c/s=70	Qual=1	FePeak=15:37	FePeak.c/s=12	#Peaks=2	dt= 7.7s	XEN=824900
			Peak3...c/s=27			Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel
UVSP 15:36			Wavelength=2788A	Code=00	Exp #=73018	Rast=180"x1"	Step=0"	Pitch=+469"	Yaw=-220"
88/09/05, 17:09 DOY=249									
88/09/05, 17:09	DOY=249								
Start	Peak								
GOES 17:00	17:09	17:20	Importance=C1	Qual=03					
BCS 17:09	17:09	17:12	CaPeak.c/s=19	Qual=4	FePeak=17:09	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=824901
FCS 17:11	17:12		Peak3...c/s=16			Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
UVSP 17:11			Wavelength=2788A	Code=02	Exp #=73020	Rast=180"x1"	Step=0"	Pitch=+471"	Yaw=-230"
88/09/05, 18:35 DOY=249									
88/09/05, 18:35	DOY=249								
Start	Peak								
GOES 18:08	18:35	19:23	SMM Pointing:	S20W42					
HXRBS 18:11:58	18:12:44	18:17:10	Importance=C4	Qual=03					
BCS 18:14	18:34	18:50	Peak...c/s=66	Qual=01	Tot Cts=2235	MaxkeV=71			
FCS 18:23	18:23		CaPeak.c/s=148	Qual=1	FePeak=18:33	FePeak.c/s=24	#Peaks=1	dt= 7.7s	XEN=824902
UVSP 18:45			Peak3...c/s=38			Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
			Wavelength=2788A		Exp #=73022	Rast=180"x1"	Step=0"	Pitch=+473"	Yaw=-240"
88/09/06 DOY=250									
88/09/06, 00:18	DOY=250								
Start	Peak								
Optical		End times							
GOES 00:15	00:18	00:19	SMM Pointing:	S20W45					
HXRBS 00:16:03	00:16:28	00:17:01	Importance=C1	Qual=01					
UVSP 00:03	00:03		Peak...c/s=105	Qual=01	Tot Cts=1248	MaxkeV=71			
			Wavelength=2788A	Code=01	Exp #=73027	Rast=180"x1"	Step=0"	Pitch=+481"	Yaw=-272"
88/09/06, 00:30 DOY=250									
88/09/06, 00:30	DOY=250								
Start	Peak								
GOES 00:30:03	00:30:06	00:30:19	SMM Pointing:	S20W45					
HXRBS 00:30:03	00:30:06	00:30:19	Peak...c/s=52	Qual=01					
UVSP 00:03	00:03		Wavelength=2788A		Tot Cts=65	MaxkeV=71			
					Exp #=73027	Rast=180"x1"	Step=0"	Pitch=+481"	Yaw=-272"
88/09/06, 14:37 DOY=250									
88/09/06, 14:37	DOY=250								
Start	Peak								
GOES 14:37:16	14:37:38	14:38:01	SMM Pointing:	S20W52					
HXRBS 14:37:16	14:37:38	14:38:01	Peak...c/s=74	Qual=01					
UVSP 15:07	15:07		Wavelength=2788A		Tot Cts=482	MaxkeV=71			
					Exp #=73074	Rast=180"x1"	Step=0"	Pitch=+498"	Yaw=-354"

Event # = 9427									
88/09/06,14:53	DOY=250	Start	End times	SMM Pointing:	S20W52		Pitch=+617", Yaw=-530", Roll=-20deg	H.Ang=59deg	
Optical				Ha...Class=SF	S19W60	AR5131	Mac.=EKI	Carr. Lon.=262deg	H.Ang=65deg
GOES	14:51	14:53	15:03	Importance=C1	Qual=01		MaxkeV=71		
HXRBS	14:50:43	14:51:01	14:51:49	Peak...c/s=78	Qual=01	Tot Cts=760	Rast=180"x1"	Step=0"	Pitch=+498", Yaw=-354"
UVSP	15:07			Wavelength=2788A		Exp # = 73074			
Event # = 9428									
88/09/06,15:52	DOY=250	Start	End times	SMM Pointing:	S20W54		Pitch=+620", Yaw=-542", Roll=-20deg	H.Ang=60deg	
GOES					Qual=00		MaxkeV=101		
HXRBS	15:51:27	15:52:02	15:52:45	Peak...c/s=95	Qual=01	Tot Cts=1015	Rast=180"x1"	Step=0"	Pitch=+499", Yaw=-356"
UVSP	15:41			Wavelength=2788A		Exp # = 73075			
Event # = 21866									
88/09/06,16:43	DOY=250	Start	End times						
Optical				Ha...Class=SF	S20W54	AR5131	Mac.=EKI	Carr. Lon.=255deg	H.Ang=60deg
GOES	16:39	16:43	17:12	Importance=C1	Qual=03		FePeak.c/s=7	#Peaks=1	dt= 7.7s
BCS	16:41	16:43	16:45	CaPeak.c/s=27	Qual= 4	FePeak=16:43	Rast=240"x240"	Step=10"	XEN=825000
FCS		16:42		Peak3...c/s=13		Exp # = 73076	Rast=180"x1"	Step=0"	Cad= 590s
UVSP	16:41			Wavelength=2788A	Code=00				Pitch=+499", Yaw=-361"
Event # = 9704									
88/09/06,19:19	DOY=250	Start	End times	SMM Pointing:	S20W55		Pitch=+621", Yaw=-552", Roll=-20deg	H.Ang=61deg	
GOES	19:16	19:19	19:32	Importance=C1	Qual=01		MaxkeV=71	Flags=1	
HXRBS	19:15:42	19:16:19	19:17:04	Peak...c/s=56	Qual=01	Tot Cts=451	Rast=180"x1"	Step=0"	Pitch=+501", Yaw=-372"
UVSP	18:49			Wavelength=2788A		Exp # = 73079			
Event # = 9429									
88/09/06,22:42	DOY=250	Start	End times	SMM Pointing:	S20W57		Pitch=+625", Yaw=-572", Roll=-20deg	H.Ang=63deg	
GOES	22:40	22:42	22:50	Importance=B7	Qual=01		MaxkeV=71		
HXRBS	22:39:47	22:40:05	22:42:09	Peak...c/s=76	Qual=01	Tot Cts=1033	Rast=180"x1"	Step=0"	Pitch=+503", Yaw=-387"
UVSP	21:58			Wavelength=2788A		Exp # = 73081			
88/09/07 DOY=251									
Event # = 9430									
88/09/07,11:05	DOY=251	Start	End times	SMM Pointing:	S20W63		Pitch=+631", Yaw=-619", Roll=-20deg	H.Ang=68deg	
GOES					Qual=00		MaxkeV=131	Flags=DG,ND	
HXRBS	11:04:29	11:05:37	11:05:29	Peak...c/s=241	Qual=11	Tot Cts=5167	FePeak.c/s=7	#Peaks=1	dt= 7.7s
BCS	11:05	11:05	11:08	CaPeak.c/s=38	Qual= 5	FePeak=11:05	Rast=240"x240"	Step=10"	XEN=825100
FCS		11:08		Peak3...c/s=64		Exp # = 73119	Rast=180"x1"	Step=0"	Cad= 590s
UVSP	11:29			Wavelength=2788A					Pitch=+511", Yaw=-443"
Event # = 9431									
88/09/07,11:30	DOY=251	Start	End times	SMM Pointing:	S20W64		Pitch=+631", Yaw=-627", Roll=-20deg	H.Ang=69deg	
GOES	11:26	11:30	11:46	Importance=C1	Qual=03		MaxkeV=71		
HXRBS	11:27:06	11:27:36	11:28:31	Peak...c/s=71	Qual=01	Tot Cts=805	FePeak.c/s=6	#Peaks=1	dt= 7.7s
BCS	11:30	11:31	11:33	CaPeak.c/s=19	Qual= 4	FePeak=11:30	Rast=240"x240"	Step=10"	XEN=825101
FCS						Exp # = 73119	Rast=180"x1"	Step=0"	Cad= 590s
UVSP	11:29			Wavelength=2788A	Code=00				Pitch=+511", Yaw=-443"



Event # = 9434	DOY=252	SMM Pointing:	S20W78	Pitch=+631", Yaw=-702", Roll=-20deg	H.Ang=82deg
88/09/08, 18:47	Peak	End times			
Optical					
G0ES 18:36	18:47	19:46	S25W72	Mac.=EA0	H.Ang=77deg
G0ES 18:39:52	18:41:24	18:43:00	Qual=02		
HXRBS 18:42	18:42	18:45	Qual=03		
BCS 18:42	18:42	18:45	Qual=2		
FCS					
UVSP 18:37	18:42	18:45			
Radio Sweeps					
Radio Frequency (MHz)/Flux(sfu):					
4995/93					
Event # = 21869	DOY=252	Type/Intensity:			
88/09/08, 21:08	Peak	V/3			
G0ES 21:00	21:08	21:15	Qual=05		
BCS 21:12	21:12	21:13	Qual=5		
FCS					
UVSP 20:57	21:12	21:13			
FePeak=21:12					
Exp #=73219					
FePeak.c/s=25					
Rast=0"x0"					
Rast=180"x1"					
dt= 7.7s					
Cad=3840s					
Pitch=+506", Yaw=-529"					
XEN=825204					
Event # = 21870	DOY=252	Importance=C1	Qual=01		
88/09/08, 21:23	Peak	End times			
G0ES 21:15	21:23	21:54	Qual=1		
BCS 21:18	21:20	21:33	Qual=1		
FCS					
UVSP 20:57	21:20	21:33			
FePeak=21:26					
Exp #=73219					
FePeak.c/s=8					
Rast=0"x0"					
Rast=180"x1"					
dt= 7.7s					
Cad=3840s					
Pitch=+506", Yaw=-529"					
XEN=825203					
Event # = 21871	DOY=252	Importance=C2	Qual=05		
88/09/08, 22:15	Peak	End times			
G0ES 21:55	22:15	23:14	Qual=5		
BCS 22:38	22:38	22:50	Qual=5		
FCS					
UVSP 22:32	22:38	22:50			
FePeak=22:38					
Exp #=73220					
FePeak.c/s=6					
Rast=240"x240"					
Rast=180"x1"					
dt= 7.7s					
Cad= 262s					
Pitch=+505", Yaw=-531"					
XEN=825205					
Event # = 9435	DOY=252	Importance=C1	Qual=01		
88/09/08, 23:19	Peak	End times			
G0ES 23:15	23:19	23:40	Qual=01		
HXRBS 23:16:24	23:17:12	23:17:58	Qual=01		
BCS 23:18	23:19	23:27	Qual=4		
FCS	23:19	23:27			
UVSP 22:32	23:26	23:27			
FePeak=22:38					
Exp #=73220					
FePeak.c/s=13					
Rast=240"x240"					
Rast=180"x1"					
dt= 7.7s					
Cad= 590s					
Pitch=+505", Yaw=-531"					
XEN=825206					
Event # = 21872	DOY=253	Importance=B8	Qual=01		
88/09/09, 03:41	Peak	End times			
G0ES 03:38	03:41	04:12	Qual=4		
BCS 03:43	03:43	03:49	Qual=4		
FCS	03:43	03:49			
UVSP 03:14	03:45	03:49			
FePeak=03:44					
Exp #=73229					
FePeak.c/s=7					
Rast=240"x240"					
Rast=180"x1"					
dt= 7.7s					
Cad= 590s					
Pitch=+495", Yaw=-540"					
XEN=825300					

Event # = 21873		88/09/09, 05:13		DOY=253		Peak		End times			
GOES	05:12	05:13	05:18	05:13	05:17	05:17	05:18	05:18	05:18	Qual=06	Qual=4
BCS	05:12	05:13	05:18	05:13	05:17	05:17	05:18	05:18	05:18	CaPeak.c/s=28	CaPeak.c/s=48
FCS	05:12	05:13	05:18	05:13	05:17	05:17	05:18	05:18	05:18	Peak3..c/s=24	Peak3..c/s=48
UVSP	04:47	05:12	05:18	05:13	05:17	05:17	05:18	05:18	05:18	Wavelength=2788A	Wavelength=2788A
Event # = 9436		88/09/09, 06:49		DOY=253		Peak		End times			
GOES	06:38	06:49	07:25	06:49	07:25	07:25	06:49	07:25	07:25	SMM Pointing:	S20W83
HXRBS	06:43:47	06:44:29	06:45:27	06:44:29	06:45:27	06:45:27	06:44:29	06:45:27	06:45:27	Importance=C1	Qual=01
BCS	06:46	06:48	06:57	06:48	06:57	06:57	06:48	06:57	06:57	Peak...c/s=63	Qual=01
FCS	06:46	06:48	06:57	06:48	06:57	06:57	06:48	06:57	06:57	CaPeak.c/s=24	Qual=1
UVSP	06:35	06:49	07:25	06:49	07:25	07:25	06:49	07:25	07:25	Peak3..c/s=39	Code=00
Event # = 21874		88/09/09, 07:58		DOY=253		Peak		End times			
GOES	07:49	07:58	08:32	07:58	08:32	08:32	07:49	08:32	08:32	Importance=C2	Qual=05
BCS	08:08	08:08	08:24	08:08	08:24	08:24	08:08	08:24	08:24	CaPeak.c/s=30	Qual=5
FCS	08:08	08:08	08:24	08:08	08:24	08:24	08:08	08:24	08:24	Peak3..c/s=42	Code=02
UVSP	08:05	08:08	08:24	08:08	08:24	08:24	08:05	08:24	08:24	Wavelength=1375A	Code=00
Event # = 21875		88/09/09, 08:37		DOY=253		Peak		End times			
GOES	08:33	08:37	08:55	08:37	08:55	08:55	08:33	08:55	08:55	Importance=C1	Qual=01
BCS	08:35	08:37	08:40	08:37	08:40	08:40	08:35	08:40	08:40	CaPeak.c/s=20	Qual=4
FCS	08:35	08:37	08:40	08:37	08:40	08:40	08:35	08:40	08:40	Peak3..c/s=50	Code=00
UVSP	08:28	08:37	08:40	08:37	08:40	08:40	08:28	08:40	08:40	Wavelength=1375A	Code=00
Event # = 21876		88/09/09, 08:58		DOY=253		Peak		End times			
GOES	08:55	08:58	09:10	08:58	09:10	09:10	08:55	09:10	09:10	Importance=C1	Qual=05
BCS	08:57	08:58	08:59	08:57	08:58	08:58	08:57	08:58	08:58	CaPeak.c/s=24	Qual=4
FCS	08:57	08:58	08:59	08:57	08:58	08:58	08:57	08:58	08:58	Peak3..c/s=16	Code=00
UVSP	08:46	08:58	08:59	08:58	08:59	08:59	08:46	08:59	08:59	Wavelength=1375A	Code=00
Event # = 9437		88/09/09, 21:01		DOY=253		Peak		End times			
Optical	20:57	21:01	21:23	21:01	21:23	21:23	20:57	21:23	21:23	Ha...Class=SF	S13E16
GOES	20:57	21:01	21:23	21:01	21:23	21:23	20:57	21:23	21:23	Importance=C1	Qual=01
HXRBS	20:56:42	20:57:47	20:58:34	20:57:47	20:58:34	20:58:34	20:56:42	20:58:34	20:58:34	Peak...c/s=63	Qual=01
UVSP	21:00	20:57:47	20:58:34	20:57:47	20:58:34	20:58:34	21:00	20:58:34	20:58:34	Wavelength=1375A	Code=00

Event # = 21877		88/09/10	DOY=254		
88/09/10,08:21		DOY=254			
Start		Peak			
GOES	08:10	08:21	Importance=C2	Qual=03	
BCS	08:15	08:19	CaPeak.c/s=88	Qual=1	
FCS	08:23	08:23	Peak3...c/s=77		
UVSP	08:24		Wave length=2788A	Code=02	Exp # = 73335
					FePeak=08:17
					#Peaks=1
					dt= 7.7s
					XEN=825400
					Cad= 590s
					Pitch=+495", Yaw=-570"
					FePeak.c/s=26
					Rast=240"x240"
					Step=10"
					Step=0"
					Pitch=+256", Yaw=+255", Roll=-20deg
					H.Ang=22deg
					MaxkeV=71
					Rast=180"x1"
					Step=0"
					Pitch=+137", Yaw=+434"
					Tot Cts=1576
					Exp # = 73345
Event # = 9438					
88/09/10,15:49		DOY=254			
Start		Peak			
GOES	15:43	15:49	SMM Pointing:	S13E09	
HXRBS	15:34:25	15:36:05	Importance=C3	Qual=01	
UVSP	16:13	15:38:35	Peak...c/s=60	Qual=01	
Radio Sweeps			Wave length=2788A		
		Type/Intensity:	II/2		
					Tot Cts=1576
					Exp # = 73345
Event # = 9439					
88/09/11,01:03		DOY=255			
Start		Peak			
GOES	00:59	01:03	SMM Pointing:	S13E04	
HXRBS	01:02:12	01:02:36	Importance=C1	Qual=01	
UVSP	00:53	01:02:54	Peak...c/s=208	Qual=01	
Radio	Frequency(MHz)/Flux(sfu):	245/140	Wave length=1375A	Code=00	
					Tot Cts=1288
					Exp # = 73355
Event # = 9440					
88/09/11,01:03:06		01:03:19	Peak...c/s=122	Qual=01	Tot Cts=456
Associated Event # = 9440					
Event # = 9441					
88/09/11,11:49		DOY=255			
Start		Peak			
Optical			SMM Pointing:	S13W02	
GOES	11:46	11:49	Ha...Class=SF	S09E80	AR5148
HXRBS	11:47:08	11:47:40	Importance=B6	Qual=01	
UVSP	11:37	11:52	Peak...c/s=63	Qual=01	
		11:49:00	Wave length=2788A	Code=01	
					Tot Cts=780
					Exp # = 73388
Event # = 9442					
88/09/12,07:22		DOY=256			
Start		Peak			
Optical			SMM Pointing:	S10E65	
GOES	07:18	07:22	Ha...Class=SF	S11E70	AR5148
HXRBS	07:17:45	07:21:20	Importance=C2	Qual=03	
BCS	07:19	07:22	Peak...c/s=125	Qual=01	
FCS	07:20	07:27	CaPeak.c/s=98	Qual=1	
UVSP	07:22	07:20	Peak3...c/s=116		
Radio Sweeps			Wave length=2788A	Code=02	Exp # = 73432
		Type/Intensity:	III/2		
					Tot Cts=3226
					FePeak=07:21
					#Peaks=1
					dt= 3.8s
					XEN=825600
					Cad= 590s
					Pitch=-210", Yaw=+801"
					FePeak.c/s=18
					Rast=240"x240"
					Step=10"
					Step=0"
					Pitch=-93", Yaw=+877", Roll=-20deg
					H.Ang=67deg
					Mac.=DSO
					Carr.Lon.=57deg
					H.Ang=72deg
					MaxkeV=101
					FePeak.c/s=18
					Rast=240"x240"
					Step=10"
					Step=0"
					Pitch=-210", Yaw=+801"
					Tot Cts=307
					Exp # = 73439
Event # = 9443					
88/09/12,12:52		DOY=256			
Start		Peak			
GOES	12:52:14	12:52:27	SMM Pointing:	S10E62	
HXRBS	12:52:14	12:52:47	Peak...c/s=61	Qual=00	
UVSP	12:39		Wave length=2788A	Qual=01	
					Tot Cts=307
					Exp # = 73439
					MaxkeV=131
					Rast=180"x1"
					Step=0"
					Pitch=-197", Yaw=+782"
					H.Ang=64deg

Event # = 9444	DOY=256	SMM Pointing:	S10E59	Pitch=-66", Yaw=+836", Roll=-20deg	H.Ang=61deg
88/09/12, 17:41	Peak	End times			
Optical		Ha...Class=SF	AR5148	Mac.=DS0	H.Ang=68deg
GOES	17:30	Importance=C1		MaxkeV=71	
HXRBS	17:34:59	Peak...c/s=65	Tot Cts=307	FePeak.c/s=10	dt= 7.7s XEN=825601
BCS	17:36	CaPeak.c/s=34	FePeak=17:41	Rast=240"x240"	Cad= 590s 1.024s/pixel
FCS	17:43	Peak3...c/s=23		Rast=10"x10"	Step=0" Pitch=-20", Yaw=+884"
UVSP	17:36	Wavelength=1375A	Code=00	Exp #=73456	
Event # = 9445	DOY=256	SMM Pointing:	S10E58	Pitch=-60", Yaw=+826", Roll=-20deg	H.Ang=60deg
88/09/12, 20:53	Peak	End times			
Optical		Ha...Class=IF	AR5148	Mac.=DS0	H.Ang=64deg
GOES	20:45	Importance=C1		MaxkeV=71	
HXRBS	20:48:08	Peak...c/s=68	Tot Cts=1117	FePeak.c/s=11	dt= 7.7s XEN=825602
BCS	20:51	CaPeak.c/s=45	FePeak=20:52	Rast=240"x240"	Cad= 590s 1.024s/pixel
FCS	20:56	Peak3...c/s=44		Rast=180"x1"	Step=0" Pitch=-177", Yaw=+751"
UVSP	20:29	Wavelength=2788A	Exp #=73466		
Event # = 9446	DOY=257	SMM Pointing:	S10E52	Pitch=-31", Yaw=+776", Roll=-20deg	H.Ang=54deg
88/09/13, 08:08	Peak	End times			
Optical		Ha...Class=IN	AR5148	Mac.=DA0	H.Ang=58deg
GOES	07:51	Importance=C4		MaxkeV=131	Flags=DG
HXRBS	07:52:49	Peak...c/s=211	Tot Cts=13715	FePeak.c/s=28	#Peaks=1 XEN=825700
BCS	07:54	CaPeak.c/s=197	FePeak=08:05	Rast=240"x240"	Cad= 590s 1.024s/pixel
FCS	08:04	Peak3...c/s=175		Rast=180"x1"	Step=0" Pitch=-145", Yaw=+695"
UVSP	08:25	Wavelength=2788A	Exp #=73483		
Radio	08:25	Type/Intensity:			
Sweeps		111/2			
Frequency (MHz)/Flux(sfu):		245/140 410/150 606/170 1415/68			
Event # = 9447	DOY=257	SMM Pointing:	S10E49	Pitch=-18", Yaw=+753", Roll=-20deg	H.Ang=52deg
88/09/13, 11:00	Peak	End times			
Optical		Ha...Class=SF	AR5142	Mac.=CA0	H.Ang=26deg
GOES	10:53	Importance=B5		MaxkeV=71	
HXRBS	10:55:58	Peak...c/s=62	Tot Cts=258	Rast=180"x1"	Step=0" Pitch=-139", Yaw=+684"
UVSP	10:33	Wavelength=2788A	Exp #=73486		
Event # = 9448	DOY=258	SMM Pointing:		Pitch=+112", Yaw=+960", Roll=-20deg	
88/09/14, 01:08	Peak	End times			
GOES	01:05	Importance=B2		MaxkeV=71	
HXRBS	01:04:50	Peak...c/s=71	Tot Cts=164	Rast=265"x265"	Step=5" Pitch=-120", Yaw=+970"
UVSP	01:06	Wavelength=1375A	Code=00	Exp #=73527	
Event # = 9450	DOY=261	SMM Pointing:		Pitch=+281", Yaw=-85", Roll=0deg	H.Ang=18deg
88/09/17, 14:02	Peak	End times			
GOES	13:58	Importance=C2		MaxkeV=193	
HXRBS	13:59:26	Peak...c/s=453	Tot Cts=3226	Rast=243"x243"	Step=3" Pitch=+288", Yaw=-74"
UVSP	13:30	Wavelength=2788A	Code=00	Exp #=73671	



Event # = 9451	DOY=261	SMM Pointing:	SLOW10	Pitch=+280" , Yaw=-170" , Roll=0deg	H. Ang=20deg
88/09/17 23:04 Start	Peak	End times			
GOES 23:03:48	23:04:01	23:04:05	Qual=00		
HXRBS 22:52			Qual=01	MaxkeV=71	
UVSP			Tot Cts=126 Exp #=73696	Rast=10"x10" Step=0" Pitch=+279" , Yaw=-201"	
Event # = 9734	DOY=262	SMM Pointing:	88/09/18 DOY=262		
88/09/18 08:46 Start	Peak	End times			
GOES 08:30	08:46	09:34	S15E52	Pitch=+315" , Yaw=+729" , Roll=0deg	H. Ang=56deg
HXRBS 08:41:40	08:42:04	08:42:49	Qual=03		
UVSP 09:00			Qual=01	MaxkeV=71	
			Tot Cts=205 Exp #=73722	Rast=180"x1" Step=0" Pitch=+196" , Yaw=+650"	
Event # = 9452	DOY=263	SMM Pointing:	88/09/19 DOY=263		
88/09/19 11:05 Start	Peak	End times			
Optical			S35E55	Pitch=+600" , Yaw=+639" , Roll=0deg	H. Ang=66deg
GOES 11:00	11:05	11:59	N30E76	Mac.=AXX	
HXRBS 11:01:04	11:02:17	11:08:07	Qual=01	Carr. Lon.=317deg	H. Ang=74deg
GRS 11:02:00		11:05:00	Tot Cts=70109	MaxkeV=329	
UVSP 10:35			Exp #=73797	Rast=180"x1" Step=0" Pitch=+479" , Yaw=+570"	Dur=180sec
Radio Sweeps	Type/Intensity:				
Radio Frequency (MHz)/Flux(sfu):	1415/65 2695/48 4995/65 8800/110 15400/100				
Event # = 9453	DOY=263	SMM Pointing:	88/09/19 DOY=263		
88/09/19 17:18 Start	Peak	End times			
GOES 17:10	17:18	17:52	S35E52	Pitch=+602" , Yaw=+619" , Roll=0deg	H. Ang=64deg
HXRBS 17:14:50	17:15:20	17:17:16	Qual=03		
UVSP 17:07			Qual=01	MaxkeV=71	
Radio Sweeps	Type/Intensity:		Tot Cts=1769 Exp #=73806	Rast=10"x10" Step=0" Pitch=+638" , Yaw=+593"	
Radio Frequency (MHz)/Flux(sfu):	245/110				
Event # = 9454	DOY=263	SMM Pointing:	88/09/19 DOY=263		
88/09/19 21:45 Start	Peak	End times			
Optical			S35E50	Pitch=+606" , Yaw=+599" , Roll=0deg	H. Ang=63deg
GOES 21:39	21:45	22:28	N31E73	Mac.=AXX	
HXRBS 21:40:41	21:42:47	21:45:05	Qual=01	Carr. Lon.=314deg	H. Ang=72deg
UVSP 21:46			Qual=01	MaxkeV=131	
Radio Sweeps	Type/Intensity:		Tot Cts=6642 Exp #=73818	Rast=265"x265" Step=5" Pitch=+614" , Yaw=+604"	
Radio Frequency (MHz)/Flux(sfu):	245/230				
Event # = 9455	DOY=264	SMM Pointing:	88/09/20 DOY=264		
88/09/20 02:28 Start	Peak	End times			
Optical			S35E46	Pitch=+610" , Yaw=+569" , Roll=0deg	H. Ang=61deg
GOES 02:22	02:28	02:41	N28E69	Mac.=AXX	
HXRBS 02:22:59	02:23:51	02:28:35	Qual=01	Carr. Lon.=315deg	H. Ang=68deg
UVSP 02:16			Qual=01	MaxkeV=101	
			Tot Cts=8291 Exp #=73837	Rast=180"x1" Step=0" Pitch=+489" , Yaw=+500"	

Event # = 9743 88/09/20, 02:42 Start	DOY=264 Peak	SMM Pointing: End times	S35E46 Qual=00 Qual=01	Pitch=+610", Yaw=+569", Roll=0deg	H.Ang=61deg
GOES HXRB UVSP	02:41:46 02:42:23 02:16	02:42:42	Peak...c/s=62 Wavelength=2788A	MaxkeV=71 Rast=180"x1" Flags=I Step=0 Pitch=+489", Yaw=+500"	
Event # = 9456 88/09/20, 06:15 Start	DOY=264 Peak	SMM Pointing: End times	S35E45 N28E66 Qual=01 Qual=01	Pitch=+611", Yaw=+559", Roll=0deg	H.Ang=60deg
Optical GOES HXRB UVSP	06:09 06:15 06:10:41 05:24	06:30 06:13:46	Ha...Class=IN Importance=C6 Peak...c/s=62 Wavelength=2788A Code=00 III/2	Mac.=DSO MaxkeV=71 Rast=180"x1" Step=0 Pitch=+491", Yaw=+484"	H.Ang=66deg
Radio Sweeps	Type/Intensity:				
Event # = 9744 88/09/20, 12:25 Start	DOY=264 Peak	SMM Pointing: End times	S35E42 Qual=01 Qual=01	Pitch=+615", Yaw=+528", Roll=0deg	H.Ang=58deg
GOES HXRB UVSP	12:21 12:25 12:23:30 12:39	12:29 12:24:09	Importance=C1 Peak...c/s=62 Wavelength=2788A	MaxkeV=71 Rast=180"x1" Flags=I Step=0 Pitch=+495", Yaw=+447"	
Event # = 9457 88/09/20, 14:19 Start	DOY=264 Peak	SMM Pointing: End times	S35E40 S36E33 Qual=02 Qual=01	Pitch=+617", Yaw=+507", Roll=0deg	H.Ang=57deg
Optical GOES HXRB UVSP	14:08 14:16:33 14:12	14:59 14:17:14	Ha...Class=1F Importance=C2 Peak...c/s=65 Wavelength=2788A Code=00	Mac.=EAI MaxkeV=71 Rast=180"x1" Step=0 Pitch=+496", Yaw=+438"	H.Ang=53deg
Event # = 9458 88/09/21, 07:02 Start	DOY=265 Peak	SMM Pointing: End times	N30E56 Qual=01 Qual=01	Pitch=-419", Yaw=+691", Roll=0deg	H.Ang=58deg
GOES HXRB UVSP	07:00 07:01:02 07:25	07:04 07:01:25	Importance=C1 Peak...c/s=69 Wavelength=2788A	MaxkeV=71 Rast=180"x1" Step=0 Pitch=-283", Yaw=+615"	
Event # = 9459 88/09/21, 21:01 Start	DOY=265 Peak	SMM Pointing: End times	N30E49 S16E09 Qual=01 Qual=01	Pitch=-409", Yaw=+628", Roll=0deg	H.Ang=51deg
Optical GOES HXRB UVSP	20:57 20:56:50 21:00	21:19 20:58:22	Ha...Class=SF Importance=C2 Peak...c/s=116 Wavelength=1375A Code=00	Mac.=DSO MaxkeV=101 Rast=265"x265" Step=5 Pitch=-401", Yaw=+634"	H.Ang=25deg
Event # = 9759 88/09/22, 01:46 Start	DOY=266 Peak	SMM Pointing: End times	N00E76 Qual=00 Qual=01	Pitch=+28", Yaw=+931", Roll=0deg	H.Ang=77deg
GOES HXRB UVSP	01:46:34 01:46	01:47:06	Peak...c/s=130 Wavelength=1375A	MaxkeV=101 Rast=265"x265" Step=5 Pitch=+29", Yaw=+946"	

Event # = 9460 88/09/22, 03:13 Start	DOY=266 Peak	SMM Pointing:	N30E45	Pitch=-404", Yaw=+590", Roll=0deg	H. Ang=48deg
Optical					
G0ES 03:09	03:13	Ha...Class=SF	N27E44	Mac.=CR0	H. Ang=46deg
G0ES 03:09:28	03:13	Importance=C6	Qual=01		
HXRBS 03:09:39	03:11:41	Peak...c/s=68	Qual=01		
BCS 03:10	03:12	CaPeak.c/s=223	Qual=1		
FCS					
UVSP 02:58		Wavelength=2788A	Code=00		
Event # = 9461 88/09/22, 03:30 Start	DOY=266 Peak	SMM Pointing:	N30E45	Pitch=-404", Yaw=+590", Roll=0deg	H. Ang=48deg
G0ES					
HXRBS 03:30:41	03:30:53	Peak...c/s=80	Qual=01		
UVSP 02:58		Wavelength=2788A			
Event # = 9463 88/09/22, 07:44 Start	DOY=266 Peak	SMM Pointing:	N30E43	Pitch=-401", Yaw=+570", Roll=0deg	H. Ang=47deg
G0ES					
HXRBS 07:36:35	07:36:52	Importance=C2	Qual=01		
UVSP 07:30		Peak...c/s=55	Qual=01		
		Wavelength=2788A	Code=01		
Event # = 9462 88/09/22, 08:08 Start	DOY=266 Peak	SMM Pointing:	N30E43	Pitch=-401", Yaw=+570", Roll=0deg	H. Ang=47deg
Optical					
G0ES 08:04	08:12	Ha...Class=SF	N26E41	Mac.=CR0	H. Ang=43deg
HXRBS 08:04:15	08:06:40	Importance=M2	Qual=01		
BCS 08:06	08:09	Peak...c/s=685	Qual=01		
FCS		CaPeak.c/s=1255	Qual=1		
UVSP 08:28		Wavelength=2788A			
Radio Sweeps		Type/Intensity:			
Radio Frequency (MHz)/Flux(sfu):		111/2			
		410/34 606/66 1415/68 2695/97 4995/67 8800/74 15400/36			
Event # = 21878 88/09/22, 08:19 Start	DOY=266 Peak				
G0ES					
BCS 08:19	08:19	CaPeak.c/s=58	Qual=5		
FCS					
UVSP 08:28		Wavelength=2788A			
Event # = 21879 88/09/22, 09:44 Start	DOY=266 Peak				
G0ES					
BCS 09:35	09:44	Importance=C2	Qual=01		
BCS 09:41	09:42	CaPeak.c/s=21	Qual=4		
FCS					
UVSP 10:01		Wavelength=2788A			



Event # = 21883									
88/09/22	17:21	DOY=266	End times						
GOES	17:03	Peak	17:49	Importance=C3	Qual=03				
BCS	17:20	17:23	17:27	CaPeak.c/s=19	Qual= 2	FePeak=17:21			
FCS									
UVSP	16:53			Wavelength=2788A		Exp #=73953			
									FePeak.c/s=6 #Peaks=1 dt= 7.7s XEN=826608
									Rast=240"x240" Cad= 590s 1.024s/pixel
									Rast=180"x1" Pitch=0" Pitch=-224", Yaw=+471"
Event # = 21884									
88/09/22	18:55	DOY=266	End times						
Optical		Peak							
GOES	18:49	18:55	19:12	Ha...Class=SF	S18W05	AR5156			
BCS	18:56	18:56	19:00	Importance=C2	Qual=01				
FCS				CaPeak.c/s=20	Qual= 4	FePeak=18:56			
UVSP	18:54			Wavelength=1375A	Code=00	Exp #=73956			
									Mac.=CAO Carr.Lon.=354deg H.Ang=26deg
									FePeak.c/s=7 #Peaks=1 dt= 7.7s XEN=826609
									Rast=240"x240" Cad= 590s 1.024s/pixel
									Rast=265"x265" Step=5" Pitch=-350", Yaw=+542"
Event # = 9468									
88/09/22	20:21	DOY=266	SMM Pointing:	N27E38					
GOES	20:16	20:21	End times						
HXRBS	20:15:33	20:18:04	20:21:33	Importance=C4	Qual=01				
UVSP	20:16			Peak...c/s=63	Qual=01	Tot Cts=2581			
				Wavelength=1375A	Code=00	Exp #=73959			
									Pitch=-357", Yaw=+521", Roll=0deg H.Ang=41deg
									MaxkeV=71
									Rast=130"x130" Step=5" Pitch=-372", Yaw=+466"
Event # = 9469									
88/09/22	20:35	DOY=266	SMM Pointing:	N27E38					
Optical		Peak	End times						
GOES	20:30	20:35	20:43	Ha...Class=SF	N26E31				
HXRBS	20:30:19	20:30:44	20:33:17	Importance=C5	Qual=01				
UVSP	20:32			Peak...c/s=59	Qual=01	Tot Cts=846			
				Wavelength=1375A	Code=00	Exp #=73961			
									Pitch=-357", Yaw=+521", Roll=0deg H.Ang=41deg
									Mac.=DSO Carr.Lon.=317deg H.Ang=35deg
									MaxkeV=71
									Rast=130"x130" Step=5" Pitch=-347", Yaw=+470"
Event # = 21885									
88/09/22	20:45	DOY=266	End times						
GOES	20:43	20:45	20:47	Importance=C2	Qual=01				
BCS	20:44	20:44	20:45	CaPeak.c/s=18	Qual= 4	FePeak=20:44			
FCS									
UVSP	20:32			Wavelength=1375A	Code=00	Exp #=73961			
									FePeak.c/s=7 #Peaks=1 dt= 7.7s XEN=826610
									Rast=240"x240" Cad= 590s 1.024s/pixel
									Rast=130"x130" Step=5" Pitch=-347", Yaw=+470"
Event # = 9470									
88/09/23	00:55	DOY=267	SMM Pointing:	N37E18					
Optical		Peak	End times						
GOES	00:49	00:55	01:37	Ha...Class=SF	N27E33	AR5159			
HXRBS	00:52:02	00:53:17	00:54:18	Importance=C6	Qual=01				
UVSP	00:58			Peak...c/s=60	Qual=01	Tot Cts=917			
				Wavelength=1375A	Code=02	Exp #=73980			
									Mac.=DSO Carr.Lon.=313deg H.Ang=37deg
									MaxkeV=72
									Rast=265"x265" Step=5" Pitch=-473", Yaw=+13"
Event # = 9471									
88/09/23	04:25	DOY=267	SMM Pointing:	N05W49					
Optical		Peak	End times						
GOES	04:21	04:25	04:28	Importance=C2	Qual=01				
HXRBS	04:23:02	04:23:22	04:23:54	Peak...c/s=56	Qual=01	Tot Cts=222			
UVSP	04:24			Wavelength=1375A	Code=00	Exp #=74000			
									MackeV=72
									Rast=265"x265" Step=5" Pitch=+7", Yaw=-707"



Event # = 21891									
88/09/24,08:47	Start	DOY=268	End times						
Optical		Peak							
GOES	08:31	08:47	09:15	Ha...Class=SF	N28E12	AR5159	Mac.=DAI	Carr. Lon.=316deg	H. Ang=24deg
BCS	08:39	08:48	09:03	Importance=C2	Qual=03		FePeak.c/s=17	#Peaks=1	dt= 7.7s XEN=826804
FCS				CaPeak.c/s=42	Qual= 1		Rast=240"x240"	Step=10"	Cad= 590s 1.024s/pixel
UVSP	09:00			Wave length=2788A		Exp #=74097	Rast=180"x1"	Pitch=0"	Pitch=-207", Yaw=+196"
Event # = 21892									
88/09/24,12:06	Start	DOY=268	End times						
GOES	12:02	12:06	12:22	Importance=C2	Qual=03		FePeak.c/s=12	#Peaks=1	dt= 7.7s XEN=826805
BCS	12:07	12:07	12:10	CaPeak.c/s=19	Qual= 4		Rast=240"x240"	Step=10"	Cad= 590s 1.024s/pixel
FCS				Wave length=2788A	Code=02	Exp #=74101	Rast=180"x1"	Pitch=0"	Pitch=-206", Yaw=+172"
UVSP	12:08								
Event # = 9473									
88/09/24,13:47	Start	DOY=268	End times	SMM Pointing:	N27E16		Pitch=-340", Yaw=+237", Roll=0deg		H. Ang=26deg
Optical		Peak					Mac.=DAO	Carr. Lon.=354deg	H. Ang=36deg
GOES	13:41	13:47	14:09	Ha...Class=1F	S15W29	AR5156			
HXRBS	13:40:55	13:42:20	13:43:44	Importance=C5	Qual=03		MaxkeV=101		
UVSP	13:41			Peak...c/s=286	Qual=01	Tot Cts=10046	Rast=180"x1"	Step=0"	Pitch=-205", Yaw=+160"
Radio Sweeps				Wave length=2788A	Code=00	Exp #=74103			
				IV/1					
Event # = 21893									
88/09/24,15:18	Start	DOY=268	End times						
Optical		Peak							
GOES	15:08	15:18	15:29	Ha...Class=SF	N22E23	AR5170	FePeak.c/s=10	#Peaks=1	dt= 7.7s XEN=826806
BCS	15:17	15:18	15:21	Importance=C2	Qual=03		Rast=240"x240"	Step=15"	Cad= 262s 1.024s/pixel
FCS				CaPeak.c/s=30	Qual= 1		Rast=180"x1"	Step=0"	Pitch=-205", Yaw=+148"
UVSP	15:16			Wave length=2788A	Code=00	Exp #=74105			
88/09/25 DOY=269									
Event # = 9474									
88/09/25,00:50	Start	DOY=269	End times	SMM Pointing:	N20E32		Pitch=-238", Yaw=+479", Roll=0deg		H. Ang=34deg
Optical		Peak					Mac.=BX0	Carr. Lon.=252deg	H. Ang=71deg
GOES	00:25	00:50	01:25	Ha...Class=2B	S18E67	AR5169			
HXRBS	00:22:00	00:37:11	00:39:48	Importance=M2	Qual=02		Flags=EG,DG		
GRS	00:33:00		00:40:00	Peak...c/s=2499	Qual=13	Tot Cts=5.06E+5	MaxkeV=443		
UVSP	00:37			Wave length=1375A	Code=01	Exp #=74136	Rast=265"x265"	Step=5"	Pitch=-233", Yaw=+733"
Radio Sweeps				IV/3					
Frequency(MHz)/Flux(sfu)				1415/310 2695/710 4995/410 8800/290 15400/170					
Event # = 21894									
88/09/25,01:42	Start	DOY=269	End times						
GOES	01:35	01:42	01:47	CaPeak.c/s=39	Qual= 4	FePeak=01:45	FePeak.c/s=6	#Peaks=1	dt= 7.7s XEN=826900
BCS				Wave length=1375A		Exp #=74140	Rast=240"x240"	Step=15"	Cad= 262s 1.024s/pixel
FCS							Rast=265"x265"	Step=5"	Pitch=-247", Yaw=+793"
UVSP	01:41								

Event # = 9760	DOY=269	Start	End times	SMM Pointing:	S25E38	Pitch=+481", Yaw=+540", Roll=0deg	H. Ang=49deg
GOES	01:54:00	01:54:24	01:54:55	Peak...c/s=69	Qual=00		
HXRBS	01:53			Wavelength=1375A	Qual=01		
UVSP						MaxkeV=101 Rast=265"x265" Step=5" Pitch=+487", Yaw=+553"	
Tot Cts=314 Exp #=74142							
Event # = 9478	DOY=269	Start	End times	SMM Pointing:	N27W00	Pitch=-337", Yaw=+5", Roll=0deg	H. Ang=21deg
Optical	19:00	19:09	19:16	Ha...Class=SF	N20E54		
GOES	19:05:57	19:06:00	19:06:52	Importance=C2	Qual=03	Mac.=DS0 Carr.Lon.=255deg	H. Ang=54deg
HXRBS	18:59			Peak...c/s=58	Qual=01	MaxkeV=72 Rast=10"x10" Step=0" Pitch=-342", Yaw=-113"	
UVSP				Wavelength=1375A Code=00			
Tot Cts=279 Exp #=74168							
Event # = 9475	DOY=269	Start	End times	SMM Pointing:	N27W01	Pitch=-337", Yaw=-20", Roll=0deg	H. Ang=21deg
Optical	21:52	21:59	22:03	Ha...Class=SF	N19W72		
GOES	21:56:31	21:57:20	21:58:07	Importance=C2	Qual=01	Mac.=AXX Carr.Lon.=20deg	H. Ang=71deg
HXRBS	21:50			Peak...c/s=66	Qual=01	MaxkeV=101 Rast=10"x10" Step=0" Pitch=-342", Yaw=-115"	
UVSP				Wavelength=1375A Code=00			
Tot Cts=781 Exp #=74176							
Event # = 9476	DOY=269	Start	End times	SMM Pointing:	N27W01	Pitch=-337", Yaw=-20", Roll=0deg	H. Ang=21deg
Optical	22:04	22:07	22:22	Ha...Class=SF	N19W72		
GOES	22:05:33	22:05:47	22:07:31	Importance=C2	Qual=01	Mac.=AXX Carr.Lon.=19deg	H. Ang=71deg
HXRBS	22:07			Peak...c/s=77	Qual=01	MaxkeV=72 Rast=10"x10" Step=0" Pitch=-342", Yaw=-112"	
UVSP				Wavelength=1375A Code=02			
Tot Cts=653 Exp #=74178							
Event # = 9477	DOY=270	Start	End times	SMM Pointing:	N27W06	Pitch=-337", Yaw=-93", Roll=0deg	H. Ang=21deg
Optical	07:37	07:40	07:49	Importance=C1	Qual=01		
GOES	07:36:56	07:37:26	07:37:30	Peak...c/s=62	Qual=01	MaxkeV=72 Rast=10"x10" Step=0" Pitch=-258", Yaw=-126"	
HXRBS	07:32			Wavelength=1375A Code=00			
UVSP							
Tot Cts=291 Exp #=74219							
Event # = 9482	DOY=270	Start	End times	SMM Pointing:	N28W12	Pitch=-340", Yaw=-179", Roll=0deg	H. Ang=24deg
Optical	18:16	18:17	18:21	Ha...Class=SF	N19E37		
GOES	18:17:10	18:17:15	18:17:30	Importance=B8	Qual=01	Mac.=DAO Carr.Lon.=259deg	H. Ang=38deg
HXRBS	18:11			Peak...c/s=89	Qual=01	MaxkeV=131 Rast=10"x10" Step=0" Pitch=-321", Yaw=-264"	
UVSP				Wavelength=1375A Code=00			
Tot Cts=269 Exp #=74237							
Event # = 9483	DOY=270	Start	End times	SMM Pointing:	N27W14	Pitch=-339", Yaw=-203", Roll=0deg	H. Ang=24deg
Optical	21:12	21:19	21:32	Ha...Class=SF	N23E37		
GOES	21:18:13	21:18:19	21:18:34	Importance=C1	Qual=01	Mac.=DAO Carr.Lon.=258deg	H. Ang=39deg
HXRBS	21:16			Peak...c/s=65	Qual=01	MaxkeV=72 Rast=265"x265" Step=5" Pitch=-333", Yaw=-191"	
UVSP				Wavelength=1375A Code=00			
Tot Cts=143 Exp #=74245							



Event # = 21895		88/09/27		DOY=271	
Start	End times	DOY=271			
88/09/27, 02:30	Peak	02:30			
G0ES	01:48	02:30			
B0CS	02:25	02:38			
F0CS					
UUVSP	02:31				
Importance=C5 Qual=03 CaPeak.c/s=98 Qual=1 Wavelength=1375A Code=02 Exp #=74272 FePeak.c/s=10 #Peaks=2 dt= 3.8s XEN=827100 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel Rast=265"x265" Step=5" Pitch=+247" , Yaw=-643"					
SMM Pointing: N27W17 Pitch=-340" , Yaw=-252" , Roll=0deg H.Ang=26deg Peak....c/s=51 Tot Cts=188 Wavelength=1375A Exp #=74276 MaxkeV=365 Rast=10"x10" Step=0" Pitch=-373" , Yaw=-341"					
SMM Pointing: N27W18 H.Ang=27deg Ha....Class=SN Carr.Lon.=291deg Importance=C5 Qual=01 Peak....c/s=127 Qual=01 CaPeak.c/s=68 Qual=1 Wavelength=2788A Code=01 Exp #=74284 Type/Intensity: 11/2 Frequency(MHz)/Flux(sfu): 1415/91					
Event # = 9479 88/09/27, 06:47 Start Peak Optical G0ES 06:36 06:47 07:11 HXRBS 06:38:54 06:41:06 06:43:40 B0CS 06:40 06:46 07:06 F0CS UUVSP 06:28 Radio Sweeps Radio					
Event # = 9480 88/09/27, 07:22 Start Peak Optical G0ES 07:12 07:22 07:38 HXRBS 07:13:40 07:14:37 07:19:50 UUVSP 07:27 HXRBS 07:20:44 07:20:52 07:20:58 Start Peak S28E68 AR5171 Qual=03 Qual=01 Code=02 Associated Qual=01					
Event # = 9481 88/09/27, 07:22 Start Peak Optical G0ES 07:12 07:22 07:38 HXRBS 07:13:40 07:14:37 07:19:50 UUVSP 07:27 HXRBS 07:20:44 07:20:52 07:20:58 Start Peak S28E68 AR5171 Qual=03 Qual=01 Code=02 Associated Qual=01					
Event # = 9482 88/09/27, 08:52 Start Peak Optical G0ES 08:49 08:52 09:10 HXRBS 08:48:27 08:50:01 08:51:28 UUVSP 09:02 Start Peak S27E62 AR5171 Qual=01 Qual=01 Code=02 Associated Qual=01					
Event # = 9483 88/09/27, 09:58 Start Peak Optical G0ES 09:48 09:58 10:10 HXRBS 09:51:24 09:52:46 09:53:22 UUVSP 09:36 Start Peak S23E63 AR5171 Qual=02 Qual=11 Code=02 Associated Qual=01					
Event # = 9484 88/09/27, 09:58 Start Peak Optical G0ES 09:48 09:58 10:10 HXRBS 09:51:24 09:52:46 09:53:22 UUVSP 09:36 Start Peak S23E63 AR5171 Qual=02 Qual=11 Code=02 Associated Qual=01					
Event # = 9485 88/09/27, 09:58 Start Peak Optical G0ES 09:48 09:58 10:10 HXRBS 09:51:24 09:52:46 09:53:22 UUVSP 09:36 Start Peak S23E63 AR5171 Qual=02 Qual=11 Code=02 Associated Qual=01					
Event # = 9486 88/09/27, 09:58 Start Peak Optical G0ES 09:48 09:58 10:10 HXRBS 09:51:24 09:52:46 09:53:22 UUVSP 09:36 Start Peak S23E63 AR5171 Qual=02 Qual=11 Code=02 Associated Qual=01					
Event # = 9487 88/09/27, 09:58 Start Peak Optical G0ES 09:48 09:58 10:10 HXRBS 09:51:24 09:52:46 09:53:22 UUVSP 09:36 Start Peak S23E63 AR5171 Qual=02 Qual=11 Code=02 Associated Qual=01					
Event # = 9488 88/09/27, 09:58 Start Peak Optical G0ES 09:48 09:58 10:10 HXRBS 09:51:24 09:52:46 09:53:22 UUVSP 09:36 Start Peak S23E63 AR5171 Qual=02 Qual=11 Code=02 Associated Qual=01					
Event # = 9489 88/09/27, 09:58 Start Peak Optical G0ES 09:48 09:58 10:10 HXRBS 09:51:24 09:52:46 09:53:22 UUVSP 09:36 Start Peak S23E63 AR5171 Qual=02 Qual=11 Code=02 Associated Qual=01					
Event # = 9490 88/09/27, 09:58 Start Peak Optical G0ES 09:48 09:58 10:10 HXRBS 09:51:24 09:52:46 09:53:22 UUVSP 09:36 Start Peak S23E63 AR5171 Qual=02 Qual=11 Code=02 Associated Qual=01					
Event # = 9491 88/09/27, 09:58 Start Peak Optical G0ES 09:48 09:58 10:10 HXRBS 09:51:24 09:52:46 09:53:22 UUVSP 09:36 Start Peak S23E63 AR5171 Qual=02 Qual=11 Code=02 Associated Qual=01					
Event # = 9492 88/09/27, 09:58 Start Peak Optical G0ES 09:48 09:58 10:10 HXRBS 09:51:24 09:52:46 09:53:22 UUVSP 09:36 Start Peak S23E63 AR5171 Qual=02 Qual=11 Code=02 Associated Qual=01					
Event # = 9493 88/09/27, 09:58 Start Peak Optical G0ES 09:48 09:58 10:10 HXRBS 09:51:24 09:52:46 09:53:22 UUVSP 09:36 Start Peak S23E63 AR5171 Qual=02 Qual=11 Code=02 Associated Qual=01					
Event # = 9494 88/09/27, 09:58 Start Peak Optical G0ES 09:48 09:58 10:10 HXRBS 09:51:24 09:52:46 09:53:22 UUVSP 09:36 Start Peak S23E63 AR5171 Qual=02 Qual=11 Code=02 Associated Qual=01					
Event # = 9495 88/09/27, 09:58 Start Peak Optical G0ES 09:48 09:58 10:10 HXRBS 09:51:24 09:52:46 09:53:22 UUVSP 09:36 Start Peak S23E63 AR5171 Qual=02 Qual=11 Code=02 Associated Qual=01					

Event # = 9486									
88/09/27	11:25	DOY=271	Peak	SMM Pointing:	N27W21	Pitch=-344", Yaw=-310", Roll=0deg	H. Ang=29deg		
Optical				Ha...Class=SF					
GOES	11:21	11:25	11:33	Importance=C2	Qual=03	Mac.=DSI	Carr. Lon.=257deg	H. Ang=32deg	
HXRBS	11:22:54	11:23:05	11:23:16	Peak...c/s=87	Qual=01	MaxkeV=72	Step=0"	Pitch=-210", Yaw=-124"	
UVSP	11:11			Wavelength=2788A	Code=01	Rast=180"x1"			
Event # = 9487									
88/09/27	16:21	DOY=271	Peak	SMM Pointing:	N28W28	Pitch=-350", Yaw=-397", Roll=0deg	H. Ang=33deg		
Optical				Ha...Class=2B					
GOES	16:05	16:21	17:01	Importance=M8	Qual=03	Mac.=HSX	Carr. Lon.=219deg	H. Ang=71deg	
HXRBS	16:01:07	16:13:35	16:21:11	Peak...c/s=3485	Qual=11	Tot Cts=8.36E+5	MaxkeV=443	Flags=M5, IS	
GRS	16:11:00		16:18:00			Exp #=74296	Rast=180"x1"	Step=0"	Pitch=-215", Yaw=-211"
UVSP	15:53			Wave length=2788A					Dur=420sec
Radio				Type/Intensity:					
Radio				Frequency(MHz)/Flux(sfu):	245/780 410/70 1415/95 2695/310 4995/470 8800/640 15400/600				
Event # = 9489									
88/09/27	19:32	DOY=271	Peak	SMM Pointing:		Pitch=-961", Yaw=-473", Roll=0deg			
GOES									
HXRBS	19:31:53	19:32:02	19:32:26	Peak...c/s=62	Qual=00	MaxkeV=72			
UVSP	19:33			Wave length=1375A	Qual=01	Rast=265"x265"	Step=5"	Pitch=-953", Yaw=-467"	
Event # = 9488									
88/09/27	19:42	DOY=271	Peak	SMM Pointing:		Pitch=-961", Yaw=-473", Roll=0deg			
Optical				Ha...Class=2B					
GOES	19:39	19:42	19:56	Importance=C5	Qual=03	Mac.=HSX	Carr. Lon.=229deg	H. Ang=61deg	
HXRBS	19:39:25	19:40:03	19:41:45	Peak...c/s=439	Qual=11	MaxkeV=131	Flags=M5, IS		
UVSP	19:33			Wave length=1375A	Code=01	Rast=265"x265"	Step=5"	Pitch=-953", Yaw=-467"	
88/09/28 DOY=272									
Event # = 9490									
88/09/28	06:27	DOY=272	Peak	SMM Pointing:		Pitch=+723", Yaw=-724", Roll=0deg			
GOES	06:24	06:27	06:32	Importance=B7	Qual=01				
HXRBS	06:25:06	06:25:28	06:25:37	Peak...c/s=59	Qual=01	MaxkeV=72			
UVSP	06:24			Wave length=1375A	Code=00	Rast=265"x265"	Step=5"	Pitch=+727", Yaw=-707"	
Event # = 21896									
88/09/28	12:26	DOY=272	Peak						
Optical				Ha...Class=SF					
GOES	12:12	12:26	13:09	Importance=C3	Qual=03	Mac.=CKO	Carr. Lon.=214deg	H. Ang=66deg	
BCS	12:20	12:25	12:32	CaPeak.c/s=120	Qual= 1	FePeak.c/s=17	#Peaks=1	dt= 3.8s	XEN=827200
FCS				Peak3...c/s=41		Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
UVSP	12:14	12:30		Wave length=2788A	Code=01	Rast=180"x1"	Step=0"	Pitch=+381", Yaw=+633"	

Event # = 9491									
88/09/28, 19:06	Start	DOY=272	Peak	End times	SMM Pointing:	N19E12	AR5171	Pitch=-200", Yaw=+187", Roll=0deg	H. Ang=17deg
Optical					Ha...Class=SF	S25E49		Mac.=CKO	
GOES	19:00	19:06	19:29		Importance=C2	Qual=03		Carr. Lon.=221deg	H. Ang=57deg
HXRBS	19:01:13	19:02:07	19:04:51		Peak...c/s=102	Qual=01	Tot Cts=3600	MaxkeV=72	
UVSP	18:41				Wavelength=1375A	Code=00	Exp #=74384	Rast=200"x200"	Pitch=-226", Yaw=+188"
Event # = 9492									
88/09/28, 23:12	Start	DOY=272	Peak	End times	SMM Pointing:	S28E51	AR5171	Pitch=+510", Yaw=+658", Roll=0deg	H. Ang=60deg
Optical					Ha...Class=38	S27E48	AR5168	Mac.=CKO	
Optical					Ha...Class=SF	N23E13		Carr. Lon.=219deg	H. Ang=57deg
GOES	22:54	23:12	23:57		Importance=M6	Qual=05		Carr. Lon.=254deg	H. Ang=20deg
HXRBS	23:17:04	23:17:20	00:14:25		Peak...c/s=128	Qual=02	Tot Cts=33344	MaxkeV=193	
UVSP	23:19				Wavelength=1375A	Code=02	Exp #=74389	Rast=265"x265"	Flags=M5, SN
Radio	Frequency (MHz)/Flux(sfu):	606/310	1415/420			2695/630	4995/850	8800/1800	15400/1800
88/09/29 DOY=273									
Event # = 21897									
88/09/29, 01:24	Start	DOY=273	Peak	End times		Qual=00	FePeak=01:22	FePeak.c/s=13	#Peaks=1
GOES	00:51	01:24	01:50		CaPeak.c/s=41	Qual=1		Rast=240"x240"	dt= 7.7s
BCS		01:19			Peak3...c/s=25		Exp #=74401	Pitch=10"x10"	XEN=827300
UVSP	01:16				Wavelength=1375A				Cad= 590s
Event # = 21898									
88/09/29, 02:27	Start	DOY=273	Peak	End times		Qual=00	FePeak=02:32	FePeak.c/s=6	#Peaks=1
GOES	02:27	02:27	02:39		CaPeak.c/s=19	Qual=5		Rast=240"x240"	dt= 7.7s
BCS		02:31			Peak3...c/s=14		Exp #=74404	Pitch=10"x10"	XEN=827301
UVSP	02:31				Wavelength=1375A				Cad= 590s
Event # = 21899									
88/09/29, 03:13	Start	DOY=273	Peak	End times		Qual=01	FePeak=03:12	FePeak.c/s=6	#Peaks=1
GOES	03:05	03:13	03:17		Importance=C2	Qual=4		Rast=240"x240"	dt= 7.7s
BCS	03:10	03:10	03:17		CaPeak.c/s=19	Qual=0	Exp #=74409	Pitch=10"x10"	XEN=827302
FCS		03:15			Peak3...c/s=15				Cad= 590s
UVSP	03:08				Wavelength=1375A	Code=00			Pitch=+492", Yaw=+692"
Event # = 9493									
88/09/29, 06:04	Start	DOY=273	Peak	End times	SMM Pointing:	S28E47	AR5171	Pitch=+514", Yaw=+623", Roll=0deg	H. Ang=57deg
Optical					Ha...Class=1F	S27E48	AR5168	Mac.=CKO	
Optical					Ha...Class=SF	N20E08		Carr. Lon.=216deg	H. Ang=57deg
GOES	05:46	06:04	06:51		Importance=M1	Qual=03		Carr. Lon.=256deg	H. Ang=15deg
HXRBS	05:54:33	05:55:43	06:08:12		Peak...c/s=85	Qual=01	Tot Cts=9647	MaxkeV=72	
BCS	05:48	06:00	06:31		CaPeak.c/s=567	Qual=1	FePeak=05:59	FePeak.c/s=112	#Peaks=1
FCS	06:05				Peak3...c/s=109		Exp #=74419	Rast=240"x240"	dt= 7.7s
UVSP	05:58				Wavelength=1375A	Code=00			Cad= 590s
Radio	Sweeps	Type/Intensity:			111/3				Pitch=+484", Yaw=+642"

Event # = 21900									
88/09/29, 07:35	DOY=273	Peak	End times						
G0ES 07:21	07:35		07:59	Qual=01	Importance=C2	CaPeak.c/s=35	FePeak=07:38	dt= 7.7s	XEN=827304
BCS 07:28	07:35		07:46	Qual=1	CaPeak.c/s=30	Peak3...c/s=30	Step=10"	Cad= 590s	1.024s/pixel
FCS 07:36	07:36				Wavelength=2788A	Code=00	Step=3"	Pitch=+523"	Yaw=+622"
UVSP 07:12							Exp #=74422		
88/09/30 DOY=274									
Event # = 21901									
88/09/30, 05:13	DOY=274	Peak	End times						
G0ES 05:03	05:13		05:14	Qual=06	CaPeak.c/s=45	FePeak=05:13	dt= 7.7s	XEN=827400	
BCS 05:07	05:07			Qual=2	Peak3...c/s=14	Step=15"	Cad= 262s	1.024s/pixel	
UVSP 05:12					Wavelength=1375A	Step=5"	Pitch=+488"	Yaw=+852"	
Event # = 9807									
88/09/30, 17:57	DOY=274	Peak	SMM Pointing:	S28E28			Pitch=+534"	Yaw=+392"	Roll=0deg
G0ES 17:55	17:57		End times						H. Ang=44deg
HXRBS 17:55:42	17:56:13		17:59	Qual=01	Importance=C1				
UVSP 17:28	17:56:24			Qual=01	Peak...c/s=71	Tot Cts=314	Flags=1		
Radio Frequency(MHz)/Flux(sfu):	245/1300				Wavelength=2788A	Exp #=74484	Step=0"	Pitch=+413"	Yaw=+325"
Event # = 9497									
88/09/30, 19:22	DOY=274	Peak	SMM Pointing:	S28E28			Pitch=+534"	Yaw=+392"	Roll=0deg
Optical 18:59	19:22		End times						H. Ang=44deg
G0ES 19:07:10	19:25:27		20:21	S27E25	Ha...Class=2N	AR5171	Mac.=EKO	Carr. Lon.=218deg	
HXRBS 19:08	19:19		20:05	Qual=03	Importance=M2				
FCS 19:16	19:16			Qual=12	Peak...c/s=192	Tot Cts=52992	MaxkeV=72	Flags=M5, SN, DG	
UVSP 19:14	19:16			Qual=1	CaPeak.c/s=890	FePeak=19:14	FePeak.c/s=199	dt= 7.7s	XEN=827401
Radio Frequency(MHz)/Flux(sfu):	2695/64				Peak3...c/s=90	Exp #=74487	Rast=240"x240"	Cad= 590s	1.024s/pixel
BCS 20:06	20:06		20:07	Wavelength=1375A	Code=00		Rast=200"x200"	Pitch=+524"	Yaw=+429"
FCS 20:06	20:06			2695/64 4995/54 8800/42	Associated	Event # = 21902			
UVSP 20:44	20:06			Qual=5	CaPeak.c/s=33	FePeak=20:06	FePeak.c/s=7	dt= 7.7s	XEN=827402
					Peak3...c/s=14	Step=0"	Rast=0"x0"	Cad=3840s	3840s/pixel
					Wavelength=1375A	Exp #=74488	Rast=265"x265"	Pitch=+542"	Yaw=+385"
Event # = 21903									
88/09/30, 20:43	DOY=274	Peak	End times						
G0ES 20:42	20:43		21:17	Qual=00	CaPeak.c/s=33	FePeak=20:44	dt= 7.7s	XEN=827403	
BCS 20:44	21:10			Qual=4	Peak3...c/s=19	Step=15"	Cad= 262s	1.024s/pixel	
UVSP 20:44					Wavelength=1375A	Exp #=74488	Rast=265"x265"	Pitch=+542"	Yaw=+385"
88/10/01 DOY=275									
Event # = 9499									
88/10/01, 00:12	DOY=275	Peak	SMM Pointing:	S28E24			Pitch=+537"	Yaw=+350"	Roll=0deg
G0ES 00:05	00:12		End times						H. Ang=42deg
HXRBS 00:09:34	00:10:45		00:14	Qual=01	Importance=C2				
UVSP 00:10	00:11:35			Qual=01	Peak...c/s=58	Tot Cts=542	MaxkeV=72	Pitch=+544"	Yaw=+361"
					Wavelength=1375A	Exp #=74494	Rast=265"x265"	Step=5"	

----- Associated Event # = 9498 -----									
HXRBS	00:06:46	00:07:55	00:08:04	Peak...c/s=53	Qual=01	Tot Cts=377	MaxkeV=72	Step=0"	Pitch=+526", Yaw=+240"
UVSP	23:57			Wavelength=1375A		Exp #=74493	Rast=10"x10"		
-----									
Event # = 9500									
88/10/01,00:18	DOY=275	Start	End times	SMM Pointing:	S28E24		Pitch=+537", Yaw=+350", Roll=0deg	H.Ang=42deg	
Optical				Ha...Class=SF	N21W74	AR5166	Carr. Lon.=314deg	H.Ang=73deg	
GOES	00:14	00:18	00:31	Importance=C9	Qual=01				
HXRBS	00:14:03	00:14:57	00:15:38	Peak...c/s=108	Qual=01	Tot Cts=611	MaxkeV=72		
UVSP	00:15			Wavelength=1375A	Code=00	Exp #=74495	Rast=10"x10"	Step=0"	Pitch=+496", Yaw=+313"
-----									
Event # = 9501									
88/10/01,04:48	DOY=275	Start	End times	SMM Pointing:	S28E22		Pitch=+539", Yaw=+316", Roll=0deg	H.Ang=41deg	
GOES				Ha...Class=SF	Qual=06				
HXRBS	04:47:41	04:48:06	04:48:43	Peak...c/s=66	Qual=01	Tot Cts=397	MaxkeV=72		
UVSP	04:39			Wavelength=1375A		Exp #=74511	Rast=10"x10"	Step=0"	Pitch=+528", Yaw=+256"
-----									
Event # = 21904									
88/10/01,08:06	DOY=275	Start	End times	SMM Pointing:	S27E23	AR5171	Mac.=DKI	Carr. Lon.=213deg	H.Ang=40deg
Optical				Ha...Class=SF	Qual=01		FePeak.c/s=14	#Peaks=1	dt= 7.7s XEN=827500
GOES	07:59	08:06	08:22	Importance=C2	Qual=01		Rast=0"x0"	Step=0"	Cad=3840s/pixel
BCS	08:07	08:08	08:17	CaPeak.c/s=25	Qual= 5	FePeak=08:08	Rast=243"x243"	Step=3"	Pitch=+547", Yaw=+304"
FCS		08:12		Peak3...c/s=28		Exp #=74525			
UVSP	08:01			Wavelength=2788A	Code=00				
-----									
Event # = 9502									
88/10/01,10:07	DOY=275	Start	End times	SMM Pointing:	S28E19		Pitch=+540", Yaw=+282", Roll=0deg	H.Ang=39deg	
Optical				Ha...Class=SF	S27E20	AR5171	Mac.=DKI	Carr. Lon.=215deg	H.Ang=39deg
GOES	09:55	10:07	10:20	Importance=C4	Qual=03		MaxkeV=72		
HXRBS	10:02:31	10:03:26	10:07:09	Peak...c/s=109	Qual=01	Tot Cts=5075	FePeak.c/s=42	#Peaks=1	dt= 3.8s XEN=827501
BCS	10:00	10:06	10:11	CaPeak.c/s=179	Qual= 1	FePeak=10:06	Rast=240"x240"	Step=10"	Cad= 590s 1.024s/pixel
FCS		10:03		Peak3...c/s=70		Exp #=74527	Rast=180"x1"	Step=0"	Pitch=+419", Yaw=+205"
UVSP	10:06			Wavelength=2788A	Code=00				
-----									
Event # = 9503									
88/10/01,11:32	DOY=275	Start	End times	SMM Pointing:	S28E19		Pitch=+542", Yaw=+271", Roll=0deg	H.Ang=39deg	
Optical				Ha...Class=SF	S26E12	AR5171	Mac.=DKI	Carr. Lon.=222deg	H.Ang=35deg
GOES	11:24	11:32	11:36	Importance=C2	Qual=01		MaxkeV=72		
HXRBS	11:26:54	11:27:30	11:28:23	Peak...c/s=100	Qual=01	Tot Cts=1340	FePeak.c/s=8	#Peaks=1	dt= 7.7s XEN=827502
BCS	11:30	11:32	11:35	CaPeak.c/s=20	Qual= 4	FePeak=11:30	Rast=240"x240"	Step=10"	Cad= 590s 1.024s/pixel
FCS		11:31		Peak3...c/s=16		Exp #=74529	Rast=180"x1"	Step=0"	Pitch=+420", Yaw=+194"
UVSP	11:39			Wavelength=2788A	Code=02				
-----									
Event # = 21905									
88/10/01,12:22	DOY=275	Start	End times	SMM Pointing:	S25E18	AR5171	Mac.=DKI	Carr. Lon.=216deg	H.Ang=36deg
Optical				Ha...Class=SF	Qual=00		FePeak.c/s=9	#Peaks=1	dt= 7.7s XEN=827503
GOES				CaPeak.c/s=86	Qual= 5	FePeak=12:21	Rast=240"x240"	Step=15"	Cad= 262s 1.024s/pixel
BCS	12:21	12:22	13:18	Peak3...c/s=19		Exp #=74530	Rast=180"x1"	Step=0"	Pitch=+420", Yaw=+189"
FCS		12:24		Wavelength=2788A					
UVSP	12:16								

Event # = 9809									
88/10/01, 13:13	DOY=275		SMM Pointing:	S28E18		Pitch=+541", Yaw=+259", Roll=0deg		H.Ang=39deg	
Start	Peak								
GOES 13:02	13:13	13:22	Importance=C3	Qual=01					
HXRBS 13:07:04	13:08:30	13:12:20	Peak...c/s=79	Qual=01	Tot Cts=2720	MaxkeV=72	Flags=I		
UVSP 13:13			Wave length=2788A	Code=02	Exp #=74531	Rast=180"x1"	Step=0"	Pitch=+420", Yaw=+182"	
-----									
			Associated Event # = 9808						
HXRBS 13:04:18	13:05:00	13:05:58	Peak...c/s=76	Qual=01	Tot Cts=1320	MaxkeV=72	Flags=I		
-----									
Event # = 9504									
88/10/01, 19:38	DOY=275		SMM Pointing:	S28E14		Pitch=+542", Yaw=+211", Roll=0deg		H.Ang=37deg	
Start	Peak								
Optical			Ha...Class=IN	S27E11		Mac.=DKI	Carr.Lon.=219deg	H.Ang=35deg	
GOES 19:18	19:38	19:46	Importance=C5	Qual=02	AR5171				
HXRBS 19:32:45	19:33:47	19:34:30	Peak...c/s=151	Qual=01	Tot Cts=4436	MaxkeV=101			
UVSP 19:30			Wave length=2788A	Code=01	Exp #=74539	Rast=180"x1"	Step=0"	Pitch=+421", Yaw=+135"	
Radio Frequency(MHz)/Flux(sfu): 2695/48 4995/45									
-----									
Event # = 9505									
88/10/01, 22:32	DOY=275		SMM Pointing:	S28E13		Pitch=+543", Yaw=+187", Roll=0deg		H.Ang=37deg	
Start	Peak								
Optical			Ha...Class=SF	N16W23		Mac.=BX0	Carr.Lon.=251deg	H.Ang=24deg	
GOES 22:28	22:32	22:39	Importance=C3	Qual=01	AR5174				
HXRBS 22:29:33	22:29:55	22:31:07	Peak...c/s=63	Qual=01	Tot Cts=795	MaxkeV=72			
UVSP 22:26			Wave length=1375A	Code=00	Exp #=74550	Rast=10"x10"	Step=0"	Pitch=+482", Yaw=+103"	
-----									
Event # = 9506									
88/10/01, 23:32	DOY=275		SMM Pointing:	S28E12		Pitch=+543", Yaw=+175", Roll=0deg		H.Ang=36deg	
Start	Peak								
GOES 23:23	23:32	23:59	Importance=C3	Qual=01		MaxkeV=72			
HXRBS 23:24:36	23:25:17	23:26:18	Peak...c/s=68	Qual=01	Tot Cts=658				
-----									
88/10/02 DOY=276									
Event # = 9507									
88/10/02, 00:55	DOY=276		SMM Pointing:	S28E12		Pitch=+543", Yaw=+175", Roll=0deg		H.Ang=36deg	
Start	Peak								
Optical			Ha...Class=SF	S27E04		Mac.=DKI	Carr.Lon.=223deg	H.Ang=34deg	
GOES 00:48	00:55	01:16	Importance=C4	Qual=01	AR5171				
HXRBS 00:51:47	00:51:53	00:55:04	Peak...c/s=375	Qual=02	Tot Cts=7878	MaxkeV=131	Flags=SN		
BCS 00:53	00:54	01:07	CaPeak.c/s=156	Qual=4	FePeak=00:54	FePeak.c/s=36	#Peaks=1	XEN=827600	
FCS						Rast=240"x240"	Step=10"	Cad=590s	1.024s/pixel
Radio Frequency(MHz)/Flux(sfu): 245/84 410/100 8800/160 15400/82									
-----									
Event # = 9508									
88/10/02, 00:57	DOY=276		SMM Pointing:	S28E11		Pitch=+543", Yaw=+163", Roll=0deg		H.Ang=36deg	
Start	Peak								
GOES 00:56:51	00:57:33	00:57:50	Peak...c/s=63	Qual=00		MaxkeV=72			
HXRBS 00:56:51	00:57:33	00:57:50		Qual=01	Tot Cts=411				
-----									
Event # = 9509									
88/10/02, 01:40	DOY=276		SMM Pointing:	S28E11		Pitch=+543", Yaw=+163", Roll=0deg		H.Ang=36deg	
Start	Peak								
GOES 01:36	01:40	01:55	Importance=C3	Qual=01		MaxkeV=72			
HXRBS 01:35:31	01:36:50	01:39:30	Peak...c/s=121	Qual=01	Tot Cts=3157				

Event # = 9510	DOY=276	S28E09	Pitch=+544", Yaw=+139", Roll=0deg	H.Ang=36deg
88/10/02 04:27	Peak			
Optical	End times			
G0ES 04:16	04:31	S28E02	Mac.=DKI Carr.Lon.=223deg	H.Ang=35deg
HXRBS 04:14:45	04:25:03	Qual=01		
BCS 04:18	04:26	Qual=01	MaxkeV=193 dt= 7.7s XEN=827601	
FCS		Qual=1	FePeak.c/s=93 #Peaks=1 Cad= 590s 1.024s/pixel	
UVSP 04:26		Code=00	Rast=240"x240" Step=10" Pitch=+538", Yaw=+21"	
Radio Sweeps	Type/Intensity:	Exp #=74554		
Radio Frequency(MHz)/Flux(sfu):	245/73 8800/290 15400/210			
Event # = 9511	DOY=276	S28E09	Pitch=+544", Yaw=+139", Roll=0deg	H.Ang=36deg
88/10/02 04:42	Peak			
G0ES	End times			
HXRBS 04:41:13	04:42:40	Qual=06	MaxkeV=72	
UVSP 04:43	04:43:33	Qual=01	Rast=10"x10" Step=0" Pitch=+498", Yaw=+104"	
Event # = 9512	DOY=276	S28E09	Pitch=+544", Yaw=+127", Roll=0deg	H.Ang=36deg
88/10/02 05:47	Peak			
G0ES	End times			
HXRBS 05:44	05:47	Qual=01	MaxkeV=72	
UVSP 05:43	05:46:36	Qual=01	Rast=10"x10" Step=0" Pitch=+503", Yaw=+92"	
Event # = 9819	DOY=277	S15E59	Pitch=+302", Yaw=+793", Roll=0deg	H.Ang=62deg
88/10/03 05:28	Peak			
Optical	End times			
G0ES 05:23	05:28	S28W11	Mac.=DKI Carr.Lon.=222deg	H.Ang=36deg
HXRBS 05:24:40	05:26:23	Qual=01	MaxkeV=162	
UVSP 05:29	05:32:09	Qual=01	Rast=10"x10" Step=0" Pitch=+342", Yaw=+772"	
Radio Frequency(MHz)/Flux(sfu):	245/350 606/310	Code=02		
Event # = 9820	DOY=277	S15E59	Pitch=+302", Yaw=+793", Roll=0deg	H.Ang=62deg
88/10/03 05:47	Peak			
G0ES	End times			
HXRBS 05:47:07	05:47:20	Qual=00	MaxkeV=72	
UVSP 05:45	05:48:17	Qual=01	Rast=10"x10" Step=0" Pitch=+352", Yaw=+756"	
Event # = 9821	DOY=277	S15E54	Pitch=+309", Yaw=+749", Roll=0deg	H.Ang=57deg
88/10/03 13:39	Peak			
Optical	End times			
G0ES		S28W15	Mac.=DKI Carr.Lon.=222deg	H.Ang=37deg
HXRBS 13:39:29	13:39:33	Qual=00	MaxkeV=72	
UVSP 13:46	13:39:42	Qual=01	Rast=180"x1" Step=0" Pitch=+189", Yaw=+675"	
Radio Sweeps	Type/Intensity:	Tot Cts=143		
Radio Frequency(MHz)/Flux(sfu):	245/310 410/360 1415/160 8800/150	Exp #=74623		





Event # = 9519									
88/10/03,19:17	Start	DOY=277	Peak	End times	SMM Pointing:	S28W15	Pitch=+541", Yaw=-220", Roll=0deg	H.Ang=37deg	
Optical					Ha...Class=SN	S28W18	Mac.=DKI	Carr. Lon.=221deg	H.Ang=39deg
Optical					Ha...Class=SF	S23W58	AR5171	Carr. Lon.=261deg	H.Ang=64deg
GOES	19:10	19:17	19:36		Importance=C8	Qual=01		Flags=M5	
HXRBS	19:12:38	19:13:00	19:20:25		Peak...c/s=1230	Qual=01	Tot Cts=39925	#Peaks=1	XEN=827703
BCS	19:13	19:16	20:04		CaPeak.c/s=372	Qual=1	FePeak=19:16	dt= 3.8s	
FCS								Cad= 262s	1.024s/pixel
UVSP	19:02				Wavelength=2788A	Code=01	Rast=180"x1"	Pitch=+420", Yaw=-34"	
Radio Sweeps					III/I	Exp #=74630			
Radio Frequency (MHz)/Flux(sfu):					15400/100				
Event # = 9520									
88/10/03,19:59	Start	DOY=277	Peak	End times	SMM Pointing:	S28W15	Pitch=+541", Yaw=-220", Roll=0deg	H.Ang=37deg	
GOES						Qual=00			
HXRBS	19:58:47	19:59:00	19:59:33		Peak...c/s=59	Qual=01	MaxkeV=72		
UVSP	20:01				Wavelength=2788A		Rast=180"x1"	Step=0"	Pitch=+420", Yaw=-41"
						Tot Cts=217			
						Exp #=74631			
Event # = 9521									
88/10/03,21:00	Start	DOY=277	Peak	End times	SMM Pointing:	S28W16	Pitch=+540", Yaw=-231", Roll=0deg	H.Ang=38deg	
Optical					Ha...Class=1F	N21W57	Mac.=DAI	Carr. Lon.=260deg	H.Ang=57deg
Optical					Ha...Class=SN	S29W17	AR5168	Carr. Lon.=220deg	H.Ang=39deg
GOES	20:52	21:00	21:08		Importance=C8	Qual=01			
HXRBS	20:52:51	20:54:23	21:05:32		Peak...c/s=965	Qual=01	Tot Cts=72650	#Peaks=1	XEN=827704
BCS	20:53	20:59	21:40		CaPeak.c/s=369	Qual=1	FePeak=20:58	dt= 3.8s	
FCS							Rast=10"x10"	Cad=3840s	3840s/pixel
UVSP	20:50				Wavelength=1375A	Code=00	MaxkeV=162	Step=0"	Pitch=+489", Yaw=-247"
Radio Frequency (MHz)/Flux(sfu):					15400/130	Exp #=74633			
Event # = 9522									
88/10/03,22:37	Start	DOY=277	Peak	End times	SMM Pointing:	S28W17	Pitch=+540", Yaw=-243", Roll=0deg	H.Ang=38deg	
Optical					Ha...Class=SF	S26W19	Mac.=DKI	Carr. Lon.=221deg	H.Ang=37deg
Optical					Ha...Class=SF	N22W57	AR5171	Carr. Lon.=259deg	H.Ang=57deg
GOES	22:29	22:37	22:53		Importance=M1	Qual=01		Flags=DG,ND	
HXRBS	22:28:44	22:30:12	22:40:24		Peak...c/s=233	Qual=11	Tot Cts=41817	#Peaks=1	XEN=827705
BCS	22:22	22:36	23:12		CaPeak.c/s=506	Qual=1	FePeak=22:35	dt= 3.8s	
FCS							Rast=10"x10"	Cad=3840s	3840s/pixel
UVSP	22:25				Wavelength=1375A	Code=00	MaxkeV=131	Step=0"	Pitch=+539", Yaw=-294"
						Exp #=74639			
Event # = 9523									
88/10/03,22:42	Start	DOY=277	Peak	End times	SMM Pointing:	S28W17	Pitch=+540", Yaw=-243", Roll=0deg	H.Ang=38deg	
GOES						Qual=00			
HXRBS	22:41:24	22:42:43	22:44:00		Peak...c/s=104	Qual=01	MaxkeV=72		
UVSP	22:41				Wavelength=1375A		Rast=10"x10"	Step=0"	Pitch=+519", Yaw=-311"
						Tot Cts=3409			
						Exp #=74641			

Event # = 21906									
88/10/03, 23:12		DOY=277		End times					
GOES	Start	Peak							
BCS	23:12	23:12	23:14	23:12	FePeak=23:12	Qual=00	dt= 7.7s	XEN=827706	
FCS					CaPeak.c/s=24	Qual= 5	Cad=3840s	3840s/pixel	
UVSP	22:58				Wavelength=1375A	Exp #=74643	Pitch=+519"	Yaw=-313"	
Event # = 9524									
88/10/03, 23:36		DOY=277		End times					
Optical	Start	Peak							
GOES	23:25	23:36	23:55	23:36	AR5171	S28W17	Pitch=+540"	Yaw=-255"	Roll=0deg
HXRBS	23:56:32	23:56:41	23:56:50	23:56:41	Importance=X1	S27W20	Mac.=DK1	Carr. Lon.=221deg	H. Ang=39deg
BCS	23:51	23:51	00:20	23:51	Peak...c/s=52	Qual=01	MaxkeV=72		
FCS					CaPeak.c/s=454	Qual= 5	FePeak.c/s=24	dt= 3.8s	XEN=827711
UVSP	23:56				Wavelength=1375A	Exp #=74644	Rast=240"x240"	Cad= 590s	1.024s/pixel
Event # = 21907									
88/10/04, 00:16		DOY=278		End times					
GOES	Start	Peak							
BCS	00:19:43	00:19:49	00:19:55	00:19:49	Tot Cts=56	Qual=00	MaxkeV=72		
HXRBS					Exp #=74647	Qual=01	Rast=10"x10"	Step=0"	Pitch=+548"
UVSP	00:16							Yaw=-312"	
Event # = 21908									
88/10/04, 01:37		DOY=278		End times					
GOES	Start	Peak							
BCS	01:26	01:37	02:14	01:37	FePeak=01:45	Qual=00	dt= 7.7s	XEN=827810	
FCS					CaPeak.c/s=27	Qual= 1	Cad= 590s	1.024s/pixel	
UVSP	01:33				Wavelength=1375A	Exp #=74651	Rast=265"x265"	Pitch=+546"	Yaw=-247"
Event # = 21908									
88/10/04, 01:37		DOY=278		End times					
GOES	Start	Peak							
BCS	01:26	01:37	02:14	01:37	FePeak=01:45	Qual=00	dt= 7.7s	XEN=827800	
FCS					CaPeak.c/s=24	Qual= 4	Cad= 590s	1.024s/pixel	
UVSP	01:33				Wavelength=1375A	Exp #=74651	Rast=10"x10"	Pitch=+543"	Yaw=-322"
Event # = 9525									
88/10/04, 03:04		DOY=278		End times					
Optical	Start	Peak							
GOES	02:53	03:04	03:46	03:04	AR5171	S28W19	Pitch=+538"	Yaw=-278"	Roll=0deg
HXRBS	02:57:22	02:57:44	03:14:30	02:57:44	Importance=M1	S26W24	Mac.=EK1	Carr. Lon.=223deg	H. Ang=40deg
BCS	02:59	03:02	03:36	03:02	Peak...c/s=157	Qual=03	MaxkeV=131	Flags=M5	
FCS					CaPeak.c/s=501	Qual=01	FePeak.c/s=124	dt= 3.8s	XEN=827801
UVSP	03:03				Wavelength=1375A	Code=00	Rast=240"x240"	Step=10"	1.024s/pixel
Radio Sweeps					Exp #=74656		Rast=265"x265"	Step=5"	Yaw=-266"
Radio									
		Type/Intensity:							
		Frequency (MHz)/Flux(sfu):		4995/78 8800/110 15400/72					

BCS	03:36	03:37	03:55	Associated Event # = 21909		CaPeak.c/s=24	Qual= 4	FePeak=03:36	dt= 7.7s	XEN=827802
FCS									#Peaks=2	
UVSP	03:36					WaveLength=1375A		Exp #=74660	Step=10"	1.024s/pixel
Event # = 9824									Step=5"	Pitch=+546", Yaw=-271"
88/10/04, 05:06	Start	DOY=278	End times			SMM Pointing:	S28W20		Pitch=+538", Yaw=-289", Roll=0deg	H.Ang=39deg
GOES		Peak					Qual=06			
HXRBS	05:05:57	05:06:04	05:06:08			Peak...c/s=69	Qual=01	Tot Cts=152	MaxkeV=72	Flags=I
UVSP	04:58					WaveLength=1375A		Exp #=74665	Rast=10"x10"	Pitch=+487", Yaw=-312"
Event # = 21910										
88/10/04, 12:38	Start	DOY=278	End times							
GOES	12:19	12:38	13:21			Importance=M2	Qual=05			
BCS	12:27	13:02	13:19			CaPeak.c/s=65	Qual= 7	FePeak=13:01	dt= 7.7s	XEN=827803
FCS									Step=15"	Cad= 262s
UVSP	12:16					WaveLength=2788A		Exp #=74673	Step=0"	Pitch=+414", Yaw=-162"
Radio	Frequency (MHz)/Flux(sfu):	2695/68	4995/140	8800/300	15400/220					
Event # = 9528										
88/10/04, 15:39	Start	DOY=278	End times			SMM Pointing:	S28W26		Pitch=+534", Yaw=-370", Roll=0deg	H.Ang=43deg
GOES	15:37	15:39	15:54			Importance=C1	Qual=01			
HXRBS	15:37:21	15:37:31	15:37:58			Peak...c/s=78	Qual=01	Tot Cts=335	MaxkeV=72	
UVSP	15:23					WaveLength=2788A	Code=01	Exp #=74677	Rast=180"x1"	Step=0"
Event # = 9529										
88/10/04, 20:49	Start	DOY=278	End times			SMM Pointing:	S28W28		Pitch=+532", Yaw=-403", Roll=0deg	H.Ang=44deg
Optical										
GOES	20:43	20:49	20:54			Ha...Class=SF	S14E30	AR5175	Mac.=EKO	Carr.Lon.=159deg
HXRBS	20:46:46	20:46:55	20:47:07			Importance=C2	Qual=01		MaxkeV=72	H.Ang=36deg
UVSP	20:37					Peak...c/s=65	Qual=01	Tot Cts=93	Rast=10"x10"	Step=0"
						WaveLength=1375A	Code=00	Exp #=74691		Pitch=+471", Yaw=-455"
Event # = 9530										
88/10/05, 04:49	Start	DOY=279	End times			SMM Pointing:	S28W32		Pitch=+529", Yaw=-452", Roll=0deg	H.Ang=46deg
GOES	04:39	04:49	05:06			Importance=C2	Qual=01			
HXRBS	04:38:54	04:39:37	04:40:57			Peak...c/s=52	Qual=01	Tot Cts=557	MaxkeV=72	
UVSP	04:43					WaveLength=1375A	Code=00	Exp #=74723	Rast=10"x10"	Step=0"
Event # = 9527										
88/10/05, 06:21	Start	DOY=279	End times			SMM Pointing:	S28W34		Pitch=+527", Yaw=-472", Roll=0deg	H.Ang=47deg
Optical										
GOES	06:13	06:21	06:46			Ha...Class=1B	S23W36	AR5171	Mac.=CKO	Carr.Lon.=220deg
HXRBS	06:13:27	06:16:01	06:25:20			Importance=M3	Qual=03			H.Ang=46deg
UVSP	06:09					Peak...c/s=1098	Qual=01	Tot Cts=2.13E+5	MaxkeV=225	Flags=M5
Radio	Frequency (MHz)/Flux(sfu):	2695/120	4995/230	8800/420	15400/280	WaveLength=1375A	Code=00	Exp #=74727	Rast=10"x10"	Step=0"
										Pitch=+467", Yaw=-514"



Event # = 9539		88/10/06		DOY=280	
88/10/06,01:05	DOY=280	S26W46		Pitch=+485" , Yaw=-627" , Roll=0deg	
Start	Peak	SMM Pointing:		H. Ang=56deg	
GOES 01:02	01:05	End times			
GOES 01:02	01:17	Importance=C2			
HXRBS 01:02:04	01:02:27	Qual=01			
BCS 01:03	01:05	Qual= 1			
FCS	01:15	Qual=1			
UVSP		CaPeak.c/s=40			
Radio	Frequency (MHz)/Flux(sfu):		245/140		
MaxkeV=72					
FePeak.c/s=12					
Rast=240"x240"					
dt= 7.7s					
Cad= 590s					
Pitch=+496" , Yaw=-650"					
#Peaks=1					
Step=10"					
Tot Cts=2102					
FePeak=01:04					
Carr. Lon.=220deg					
H. Ang=56deg					
Mac.=DKI					
FePeak.c/s=9					
Rast=240"x240"					
dt= 3.8s					
Cad= 590s					
Pitch=+490" , Yaw=-626"					
Step=5"					
Exp #=74780					
Exp 15400/57					
Event # = 21912					
88/10/06,01:36	DOY=280	S27W46		AR5171	
Start	Peak	Ha...Class=SF			
GOES 01:22	01:36	Importance=M2			
BCS 01:56	01:57	Qual= 5			
FCS	02:14	Qual=5			
UVSP		CaPeak.c/s=127			
Radio	WaveLength=1375A		FePeak=01:58		
Frequency (MHz)/Flux(sfu):		410/430 606/17 2695/52 8800/100 15400/57			
Event # = 21913					
88/10/06,03:32	DOY=280	S26W49		AR5178	
Start	Peak	SMM Pointing:			
GOES 03:25	03:32	Importance=C3			
BCS 03:30	03:31	Qual= 5			
FCS	03:42	Qual=5			
UVSP		CaPeak.c/s=60			
Radio	WaveLength=1375A		FePeak=03:31		
Frequency (MHz)/Flux(sfu):		410/430 606/17 2695/52 8800/100 15400/57			
Event # = 9541					
88/10/06,05:33	DOY=280	S26W49		AR5178	
Start	Peak	SMM Pointing:			
HXRBS 05:31:59	05:33:19	Qual=01			
UVSP 05:22	05:33	Qual=01			
	05:34	Qual=01			
	16	Qual=01			
		CaPeak.c/s=136			
		WaveLength=1375A			
		Code=02			
		Exp #=74786			
Event # = 9540					
88/10/06,15:28	DOY=280	S26W54		AR5178	
Start	Peak	SMM Pointing:			
GOES 15:22	15:28	Ha...Class=SF			
GOES 15:21:09	15:22:31	Importance=C3			
HXRBS 15:21	15:23	Qual=03			
UVSP 15:21	15:23	Qual=01			
Radio Sweeps	58	Qual=01			
		CaPeak.c/s=230			
		WaveLength=2788A			
		Code=00			
		Exp #=74812			
		Exp #=74814			
		Exp 15400/380			
Event # = 21914					
88/10/06,16:40	DOY=280	S27W52		AR5171	
Start	Peak	Ha...Class=1N			
GOES 16:27	16:40	Importance=M1			
BCS 16:45	16:47	Qual= 5			
FCS	16:51	Qual=5			
UVSP	16:58	Qual=5			
Radio		CaPeak.c/s=204			
		FePeak=16:47			
		Exp #=74814			
		Exp 15400/380			
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Event # = 9542									
88/10/06, 17:59	DOY=280	End times	SMM Pointing:	S26W55		Pitch=+473", Yaw=-710", Roll=0deg		H. Ang=63deg	
GOES 17:59	Peak 17:59	18:01	Importance=C2	Qual=01					
HXRBS 17:56:28	17:56:37	17:57:01	Peak...c/s=81	Qual=01					
UVSP 18:28			Wavelength=2788A		Tot Cts=402 Exp #=74816	MaxkeV=101 Rast=180"x1"	Step=0"	Pitch=+350", Yaw=-536"	
Event # = 21915									
88/10/06, 18:59	DOY=280	End times							
Optical 18:25	Peak 18:59	19:40	Ha...Class=SF	S29W66	AR5171	Mac.=DKI	Carr. Lon.=230deg	H. Ang=73deg	
GOES 18:28	18:29	18:32	Importance=C3	Qual=02					
BCS 18:28			CaPeak.c/s=19	Qual= 2	FePeak=18:31	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=828004
FCS 19:02			Wavelength=2788A	Code=02	Exp #=74817	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
UVSP 19:02						Rast=180"x1"	Step=0"	Pitch=+350", Yaw=-538"	
Event # = 9543									
88/10/06, 19:10	DOY=280	End times	SMM Pointing:	S26W56		Pitch=+471", Yaw=-720", Roll=0deg		H. Ang=63deg	
Optical 19:16:44	Peak 19:10	19:18:32	Ha...Class=SF	N23E41	AR5177	Mac.=EKI	Carr. Lon.=123deg	H. Ang=43deg	
GOES 19:10	19:10	19:28	Peak...c/s=73	Qual=00					
HXRBS 19:16:44	19:17:37	19:18:32	CaPeak.c/s=22	Qual= 5	Tot Cts=1150 FePeak=19:17	MaxkeV=101	#Peaks=1	dt= 7.7s	XEN=828005
BCS 19:10			Wavelength=2788A		Exp #=74817	FePeak.c/s=8	Step=0"	Cad=1.02s	1.024s/pixel
FCS 19:02						Rast=0"x0"	Step=0"	Pitch=+350", Yaw=-538"	
UVSP 19:02						Rast=180"x1"	Step=0"	Pitch=+350", Yaw=-538"	
Event # = 21916									
88/10/06, 20:38	DOY=280	End times							
Optical 20:28	Peak 20:38	21:05	Ha...Class=SF	S23W56	AR5171	Mac.=DKI	Carr. Lon.=219deg	H. Ang=62deg	
GOES 20:28	20:38	21:05	Importance=C4	Qual=05					
BCS 20:44	20:44	20:57	CaPeak.c/s=37	Qual= 5	FePeak=20:50	FePeak.c/s=10	#Peaks=1	dt= 7.7s	XEN=828006
FCS 20:48			Wavelength=1375A		Exp #=74819	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
UVSP 20:48						Rast=200"x200"	Step=5"	Pitch=+476", Yaw=-718"	
Event # = 9828									
88/10/06, 21:32	DOY=280	End times	SMM Pointing:	S26W58		Pitch=+469", Yaw=-732", Roll=0deg		H. Ang=65deg	
GOES 21:20	Peak 21:32	21:37	Importance=C2	Qual=01					
HXRBS 21:27:35	21:27:42	21:27:47	Peak...c/s=50	Qual=01	Tot Cts=53 Exp #=74824	MaxkeV=72 Rast=10"x10"	Flags=1 Step=0"	Pitch=+436", Yaw=-740"	
UVSP 21:21			Wavelength=1375A	Code=00					
Event # = 9544									
88/10/06, 22:46	DOY=280	End times	SMM Pointing:	S26W58		Pitch=+469", Yaw=-732", Roll=0deg		H. Ang=65deg	
Optical 22:41	Peak 22:46	22:55	Ha...Class=SF	S16E02	AR5175	Mac.=EKO	Carr. Lon.=160deg	H. Ang=22deg	
GOES 22:41	22:46	22:55	Importance=C2	Qual=01					
HXRBS 22:40:53	22:42:23	22:43:59	Peak...c/s=77	Qual=01	Tot Cts=2014 Exp #=74830	MaxkeV=72 Rast=10"x10"	Step=0"	Pitch=+440", Yaw=-746"	
UVSP 22:39			Wavelength=1375A	Code=00					

Event # = 9545		88/10/07 DOY=281							
88/10/07, 04:45		DOY=281		S26W61		Pitch=+465", Yaw=-754", Roll=0deg		H. Ang=67deg	
Start		End times							
GOES 04:45:35		04:45:38		Qual=06		MaxkeV=193		Flags=SA	
HXRBs 04:45:35		04:48:12		Peak...c/s=120		Tot Cts=4098		Pitch=+470", Yaw=-750"	
UVSP 04:46				Wavelength=1375A		Exp # = 74853			
Event # = 9546		DOY=281		S26W62		Pitch=+462", Yaw=-764", Roll=0deg		H. Ang=68deg	
88/10/07, 05:09		End times							
Start									
GOES 05:08:36		05:09:08		Qual=06		MaxkeV=101		Step=0"	
HXRBs 05:08:36		05:10:26		Peak...c/s=76		Tot Cts=1559		Pitch=+502", Yaw=-743"	
UVSP 05:07				Wavelength=1375A		Exp # = 74856			
Event # = 9547		DOY=281		S26W62		Pitch=+462", Yaw=-764", Roll=0deg		H. Ang=68deg	
88/10/07, 07:02		End times							
Start									
GOES 06:59		07:02		Qual=03		Importance=C1			
HXRBs 07:01:17		07:01:33		Qual=01		Peak...c/s=54		Step=0"	
UVSP 06:58				Wavelength=1375A		Tot Cts=150		Pitch=+425", Yaw=-770"	
				Code=00		Exp # = 74864			
Event # = 9549		DOY=281		S26W63		Pitch=+460", Yaw=-774", Roll=0deg		H. Ang=69deg	
88/10/07, 08:31		End times							
Start									
GOES 08:18		08:58		Qual=03		Importance=C3			
HXRBs 08:21:44		08:23:26		Qual=01		Peak...c/s=128		Step=0"	
UVSP 08:22				Wavelength=1375A		Tot Cts=5709		Pitch=+444", Yaw=-846"	
				Code=00		Exp # = 74868			
Radio Sweeps		Type/Intensity:		V/3					
HXRBs 08:17:18		08:18:59		Associated Event # = 9548					
UVSP 08:18		08:21:04		Qual=01		Tot Cts=3222		Step=5"	
				Wavelength=1375A		Exp # = 74867		Pitch=+467", Yaw=-763"	
Event # = 9550		DOY=281		S26W68		Pitch=+453", Yaw=-805", Roll=0deg		H. Ang=74deg	
88/10/07, 18:26		End times							
Start									
Optical									
Optical									
GOES 18:06		18:26		Ha...Class=SF		AR5175		H. Ang=28deg	
HXRBs 18:40:56		18:42:24		Ha...Class=SF		AR5179		H. Ang=21deg	
UVSP 18:30				Importance=C5		Tot Cts=900		Step=0"	
				Peak...c/s=71		Exp # = 74882		Pitch=+331", Yaw=-623"	
				Wavelength=2788A					
Event # = 9551		DOY=281		S26W68		Pitch=+453", Yaw=-805", Roll=0deg		H. Ang=74deg	
88/10/07, 20:56		End times							
Start									
Optical									
GOES 20:46		20:56		Ha...Class=SF		AR5179		H. Ang=33deg	
HXRBs 20:49:19		20:51:09		Importance=B2		Tot Cts=536		Step=0"	
UVSP 21:04		20:49:31		Peak...c/s=90		Exp # = 74885		Pitch=+328", Yaw=-631"	
				Wavelength=2788A					

Event # = 9552			88/10/08		DOY=282	
88/10/08	04:18	Start	DOY=282	Peak	SMM Pointing:	S26W73
GOES		End times				
HXRBS	04:17:45	04:18:01	04:18:14		Peak...c/s=62	Qual=06
UVSP	04:09				Wavelength=1375A	Qual=01
						Tot Cts=85
						Exp # = 74911
					Pitch=+446", Yaw=-826", Roll=0deg	H.Ang=77deg
					MaxkeV=72	
					Rast=110"x200"	Step=5" Pitch=+422", Yaw=-848"
Event # = 9553			88/10/08		DOY=282	
88/10/08	09:22	Start	DOY=282	Peak	SMM Pointing:	S26W76
GOES		End times				
HXRBS	09:21:49	09:22:10	09:22:32		Peak...c/s=62	Qual=00
UVSP	09:05				Wavelength=2788A	Qual=01
						Tot Cts=488
						Exp # = 74927
					Pitch=+439", Yaw=-841", Roll=0deg	H.Ang=80deg
					MaxkeV=132	
					Rast=243"x243"	Step=3" Pitch=+446", Yaw=-829"
Event # = 9554			88/10/08		DOY=282	
88/10/08	22:00	Start	DOY=282	Peak	SMM Pointing:	S19W24
Optical		End times				
GOES	21:49	22:00	22:12		Ha...Class=1F	S27W89
HXRBS	21:49:42	21:53:52	22:01:08		Importance=C4	Qual=01
UVSP	22:07				Peak...c/s=92	Qual=01
					Wavelength=2788A	Code=02
						Tot Cts=5127
						Exp # = 74942
					Pitch=+402", Yaw=-364", Roll=0deg	H.Ang=34deg
					Mac.=CA0	Carr.Lon.=225deg
					MaxkeV=101	H.Ang=92deg
					Rast=180"x1"	Step=0" Pitch=+280", Yaw=-186"
Event # = 9555			88/10/09		DOY=283	
88/10/09	05:48	Start	DOY=283	Peak	SMM Pointing:	S19W28
GOES		End times				
HXRBS	05:48:28	05:48:36	05:48:42		Peak...c/s=60	Qual=00
UVSP	05:38				Wavelength=1375A	Qual=01
						Tot Cts=120
						Exp # = 74970
					Pitch=+398", Yaw=-426", Roll=0deg	H.Ang=37deg
					MaxkeV=72	
					Rast=10"x10"	Step=0" Pitch=+372", Yaw=-429"
Event # = 9556			88/10/09		DOY=283	
88/10/09	23:00	Start	DOY=283	Peak	SMM Pointing:	S19W37
Optical		End times				
GOES	22:57	23:00	23:02		Ha...Class=SF	S19W32
HXRBS	22:58:13	22:58:30	22:58:58		Importance=C1	Qual=01
UVSP	22:58				Peak...c/s=51	Qual=01
					Wavelength=1375A	Code=00
						Tot Cts=233
						Exp # = 75009
					Pitch=+389", Yaw=-551", Roll=0deg	H.Ang=44deg
					Mac.=EK0	Carr.Lon.=154deg
					MaxkeV=72	H.Ang=40deg
					Rast=10"x10"	Step=0" Pitch=+393", Yaw=-495"
Event # = 9557			88/10/09		DOY=283	
88/10/09	23:52	Start	DOY=283	Peak	SMM Pointing:	S19W38
GOES	23:46	23:52	00:28		Importance=M1	Qual=01
HXRBS	23:48:43	23:49:33	23:54:11		Peak...c/s=212	Qual=02
UVSP	23:54				Wavelength=1375A	Code=02
						Tot Cts=18807
						Exp # = 75010
					Pitch=+388", Yaw=-562", Roll=0deg	H.Ang=45deg
					MaxkeV=72	Flags=SN
					Rast=265"x265"	Step=5" Pitch=+395", Yaw=-549"
Event # = 9558			88/10/10		DOY=284	
88/10/10	08:21	Start	DOY=284	Peak	SMM Pointing:	S19W43
GOES		End times				
HXRBS	08:21:23	08:21:28	08:21:43		Peak...c/s=56	Qual=00
UVSP	08:13				Wavelength=1375A	Qual=01
						Tot Cts=99
						Exp # = 75043
					Pitch=-616", Yaw=-385", Roll=90deg	H.Ang=49deg
					MaxkeV=72	
					Rast=10"x10"	Step=0" Pitch=-632", Yaw=-333"



Event # = 21917									
88/10/10,13:28	DOY=284	Peak	End times						
GOES 10:11	13:28		14:03	Importance=C2	Qual=02				
BCS 12:54	13:15		13:18	CaPeak.c/s=55	Qual=2	FePeak=13:14			
FCS									
UVSP 13:13				Wavelength=2788A	Code=01	Exp #=75050			
					Associated	Event # = 21918			
BCS 13:55	13:55		14:07	CaPeak.c/s=22	Qual=5	FePeak=13:57			
FCS									
UVSP 13:46				Wavelength=2788A		Exp #=75051			
				SMM Pointing:	S16W43				
88/10/10,16:17	DOY=284	Peak	End times						
Optical				Ha...Class=SF	S24W37				
GOES 16:07	16:17		16:21	Importance=C3	Qual=01				
HXRBS 16:12:59	16:14:38		16:16:02	Peak...c/s=243	Qual=01	Tot Cts=6187			
BCS 16:14	16:17		16:25	CaPeak.c/s=117	Qual=1	FePeak=16:17			
FCS									
UVSP 16:20				Wavelength=2788A	Code=02	Exp #=75054			
				SMM Pointing:	S16W44				
88/10/10,18:27	DOY=284	Peak	End times						
GOES 17:57	18:27		19:04	Importance=M3	Qual=02				
HXRBS 17:56:03	17:58:02		17:58:19	Peak...c/s=66	Qual=11	Tot Cts=1172			
BCS 18:42	18:42		19:10	CaPeak.c/s=1126	Qual=5	FePeak=18:42			
FCS									
UVSP 18:28				Wavelength=2788A	Code=02	Exp #=75057			
				SMM Pointing:	S16W44				
88/10/10,18:35	DOY=284	Peak	End times						
GOES 18:35:03	18:35:20		18:48:38	Peak...c/s=101	Qual=00				
HXRBS 18:28				Wavelength=2788A	Qual=11	Tot Cts=13828			
UVSP 18:28				Frequency(MHz)/Flux(sfu):	245/170 4995/440 8800/69 15400/270	Exp #=75057			
				SMM Pointing:	S16W44				
88/10/10,19:10	DOY=284	Peak	End times						
GOES 19:10	19:10		19:25	CaPeak.c/s=56	Qual=00	FePeak=19:10			
BCS 19:10	19:10		19:25	Wavelength=2788A	Qual=5	Exp #=75058			
FCS									
UVSP 19:28									
				SMM Pointing:	S16W47				
88/10/10,23:20	DOY=284	Peak	End times						
GOES 23:18	23:20		23:25	Importance=B6	Qual=01				
HXRBS 23:19:41	23:20:14		23:21:02	Peak...c/s=78	Qual=01	Tot Cts=255			
UVSP 23:23				Wavelength=1375A	Code=02	Exp #=75067			
				SMM Pointing:	S16W47				
88/10/10,23:20	DOY=284	Peak	End times						
GOES 23:18	23:20		23:25	Importance=B6	Qual=01				
HXRBS 23:19:41	23:20:14		23:21:02	Peak...c/s=78	Qual=01	Tot Cts=255			
UVSP 23:23				Wavelength=1375A	Code=02	Exp #=75067			
				SMM Pointing:	S16W47				
88/10/10,23:20	DOY=284	Peak	End times						
GOES 23:18	23:20		23:25	Importance=B6	Qual=01				
HXRBS 23:19:41	23:20:14		23:21:02	Peak...c/s=78	Qual=01	Tot Cts=255			
UVSP 23:23				Wavelength=1375A	Code=02	Exp #=75067			
				SMM Pointing:	S16W47				
88/10/10,23:20	DOY=284	Peak	End times						
GOES 23:18	23:20		23:25	Importance=B6	Qual=01				
HXRBS 23:19:41	23:20:14		23:21:02	Peak...c/s=78	Qual=01	Tot Cts=255			
UVSP 23:23				Wavelength=1375A	Code=02	Exp #=75067			
				SMM Pointing:	S16W47				
88/10/10,23:20	DOY=284	Peak	End times						
GOES 23:18	23:20		23:25	Importance=B6	Qual=01				
HXRBS 23:19:41	23:20:14		23:21:02	Peak...c/s=78	Qual=01	Tot Cts=255			
UVSP 23:23				Wavelength=1375A	Code=02	Exp #=75067			
				SMM Pointing:	S16W47				
88/10/10,23:20	DOY=284	Peak	End times						
GOES 23:18	23:20		23:25	Importance=B6	Qual=01				
HXRBS 23:19:41	23:20:14		23:21:02	Peak...c/s=78	Qual=01	Tot Cts=255			
UVSP 23:23				Wavelength=1375A	Code=02	Exp #=75067			
				SMM Pointing:	S16W47				
88/10/10,23:20	DOY=284	Peak	End times						
GOES 23:18	23:20		23:25	Importance=B6	Qual=01				
HXRBS 23:19:41	23:20:14		23:21:02	Peak...c/s=78	Qual=01	Tot Cts=255			
UVSP 23:23				Wavelength=1375A	Code=02	Exp #=75067			
				SMM Pointing:	S16W47				
88/10/10,23:20	DOY=284	Peak	End times						
GOES 23:18	23:20		23:25	Importance=B6	Qual=01				
HXRBS 23:19:41	23:20:14		23:21:02	Peak...c/s=78	Qual=01	Tot Cts=255			
UVSP 23:23				Wavelength=1375A	Code=02	Exp #=75067			
				SMM Pointing:	S16W47				
88/10/10,23:20	DOY=284	Peak	End times						
GOES 23:18	23:20		23:25	Importance=B6	Qual=01				
HXRBS 23:19:41	23:20:14		23:21:02	Peak...c/s=78	Qual=01	Tot Cts=255			
UVSP 23:23				Wavelength=1375A	Code=02	Exp #=75067			
				SMM Pointing:	S16W47				
88/10/10,23:20	DOY=284	Peak	End times						
GOES 23:18	23:20		23:25	Importance=B6	Qual=01				
HXRBS 23:19:41	23:20:14		23:21:02	Peak...c/s=78	Qual=01	Tot Cts=255			
UVSP 23:23				Wavelength=1375A	Code=02	Exp #=75067			
				SMM Pointing:	S16W47				
88/10/10,23:20	DOY=284	Peak	End times						
GOES 23:18	23:20		23:25	Importance=B6	Qual=01				
HXRBS 23:19:41	23:20:14		23:21:02	Peak...c/s=78	Qual=01	Tot Cts=255			
UVSP 23:23				Wavelength=1375A	Code=02	Exp #=75067			
				SMM Pointing:	S16W47				
88/10/10,23:20	DOY=284	Peak	End times						
GOES 23:18	23:20		23:25	Importance=B6	Qual=01				
HXRBS 23:19:41	23:20:14		23:21:02	Peak...c/s=78	Qual=01	Tot Cts=255			
UVSP 23:23				Wavelength=1375A	Code=02	Exp #=75067			
				SMM Pointing:	S16W47				
88/10/10,23:20	DOY=284	Peak	End times						
GOES 23:18	23:20		23:25	Importance=B6	Qual=01				
HXRBS 23:19:41	23:20:14		23:21:02	Peak...c/s=78	Qual=01	Tot Cts=255			
UVSP 23:23				Wavelength=1375A	Code=02	Exp #=75067			
				SMM Pointing:	S16W47				
88/10/10,23:20	DOY=284	Peak	End times						
GOES 23:18	23:20		23:25	Importance=B6	Qual=01				
HXRBS 23:19:41	23:20:14		23:21:02	Peak...c/s=78	Qual=01	Tot Cts=255			
UVSP 23:23				Wavelength=1375A	Code=02	Exp #=75067			
				SMM Pointing:	S16W47				
88/10/10,23:20	DOY=284	Peak	End times						
GOES 23:18	23:20		23:25	Importance=B6	Qual=01				
HXRBS 23:19:41	23:20:14		23:21:02	Peak...c/s=78	Qual=01	Tot Cts=255			
UVSP 23:23				Wavelength=1375A	Code=02	Exp #=75067			
				SMM Pointing:	S16W47				
88/10/10,23:20	DOY=284	Peak	End times						
GOES 23:18	23:20		23:25	Importance=B6	Qual=01				
HXRBS 23:19:41	23:20:14		23:21:02	Peak...c/s=78	Qual=01	Tot Cts=255			
UVSP 23:23				Wavelength=1375A	Code=02	Exp #=75067			
				SMM Pointing:	S16W47				
88/10/10,23:20	DOY=284	Peak	End times						
GOES 23:18	23:20		23:25	Importance=B6	Qual=01				
HXRBS 23:19:41	23:20:14		23:21:02	Peak...c/s=78	Qual=01	Tot Cts=255			
UVSP 23:23				Wavelength=1375A	Code=02	Exp #=75067			
				SMM Pointing:	S16W47				
88/10/10,23:20	DOY=284	Peak	End times						
GOES 23:18	23:20		23:25	Importance=B6	Qual=01				
HXRBS 23:19:41	23:20:14		23:21:02	Peak...c/s=78	Qual=01	Tot Cts=255			
UVSP 23:23				Wavelength=1375A	Code=02	Exp #=75067			
				SMM Pointing:	S16W47				
88/10/10,23:20	DOY=284	Peak	End times						
GOES 23:18	23:20		23:25	Importance=B6	Qual=01				
HXRBS 23:19:41	23:20:14		23:21:02	Peak...c/s=78	Qual=01	Tot Cts=255			
UVSP 23:23				Wavelength=1375A	Code=02	Exp #=75067			
				SMM Pointing:	S16W47				
88/10/10,23:20	DOY=284	Peak	End times						
GOES 23:18	23:20		23:25	Importance=B6	Qual=01				
HXRBS 23:19:41	23:20:14		23:21:02	Peak...c/s=78	Qual=01	Tot Cts=255			
UVSP 23:23				Wavelength=1375A	Code=02	Exp #=75067			
				SMM Pointing:	S16W47				
88/10/10,23:20	DOY=284	Peak	End times						
GOES 23:18	23:20		23:25	Importance=B6	Qual=01				
HXRBS 23:19:41	23:20:14		23:21:02	Peak...c/s=78	Qual=01	Tot Cts=255			
UVSP 23:23				Wavelength=1375A	Code=02	Exp #=75067			
				SMM Pointing:	S16W47				
88/10/10,23:20	DOY=284	Peak	End times						
GOES 23:18	23:20		23:25	Importance=B6	Qual=01				
HXRBS 23:19:41	23:20:14		23:21:02	Peak...c/s=78	Qual=01	Tot Cts=255			
UVSP 23:23				Wavelength=1375A	Code=02	Exp #=75067			
				SMM Pointing:	S16W47				
88/10/10,23:20									



Event # = 9570									
88/10/12 10:39	DOY=286	SMM Pointing:		S16W66	Pitch=+304", Yaw=-845", Roll=0deg		H. Ang=69deg		
Start	Peak	End times							
GOES 10:37	10:39	10:47	Importance=C1	Qual=03					
HXRBS 10:38:07	10:38:17	10:38:29	Peak...c/s=215	Qual=01					
BCS 10:38	10:38	10:39	CaPeak.c/s=18	Qual= 4					
FCS									
UVSP 10:35			Wavelength=2788A	Code=00	Exp #=75162				
-----									
Event # = 9572									
88/10/12 12:12	DOY=286	SMM Pointing:		S16W67	Pitch=+300", Yaw=-855", Roll=0deg		H. Ang=70deg		
Start	Peak	End times							
GOES 12:03	12:12	12:45	Importance=M1	Qual=03					
HXRBS 12:07:07	12:09:08	12:12:52	Peak...c/s=683	Qual=01					
BCS 12:04	12:11	12:13	CaPeak.c/s=78	Qual= 1					
FCS									
UVSP 12:09			Wavelength=2788A	Code=00	Exp #=75164				
Radio Frequency(MHz)/Flux(sfu):	4995/53 8800/81		----- Associated Event # = 9571 -----						
HXRBS 12:03:48	12:03:59	12:04:32	Peak...c/s=56	Qual=01	Tot Cts=283				
-----									
Event # = 9845									
88/10/12 15:08	DOY=286	SMM Pointing:		S19W69	Pitch=+339", Yaw=-853", Roll=0deg		H. Ang=72deg		
Start	Peak	End times							
GOES 15:08:16	15:08:39	15:08:50	Peak...c/s=56	Qual=00					
HXRBS 15:16			Wavelength=2788A	Qual=01	Tot Cts=31				
UVSP					Exp #=75168				
-----									
Event # = 9846									
88/10/12 15:11	DOY=286	SMM Pointing:		S19W69	Pitch=+339", Yaw=-853", Roll=0deg		H. Ang=72deg		
Start	Peak	End times							
GOES 15:10:56	15:11:03	15:11:16	Peak...c/s=62	Qual=00					
HXRBS 15:16			Wavelength=2788A	Qual=01	Tot Cts=78				
UVSP					Exp #=75168				
----- 88/10/13 DOY=287 -----									
Event # = 9573									
88/10/13 01:34	DOY=287	SMM Pointing:		S18W73	Pitch=+332", Yaw=-873", Roll=0deg		H. Ang=76deg		
Start	Peak	End times							
GOES 01:31	01:34	01:40	Importance=89	Qual=01					
HXRBS 01:32:30	01:32:35	01:33:46	Peak...c/s=82	Qual=01					
BCS 01:33	01:33	01:35	CaPeak.c/s=29	Qual= 1					
FCS									
UVSP 01:30			Wavelength=1375A	Code=00	Exp #=75181				
Radio Sweeps		Type/Intensity:	III/2						



Event # = 21923									
88/10/13,14:04	DOY=287	Peak	End times						
Optical									
G0ES 13:58	14:04	14:24	14:24	Ha...Class=SF	S27W78	AR5179			
BCS 14:00	14:03	14:24	14:24	Importance=C2	Qual=03				
FCS				CaPeak.c/s=34	Qual=2	FePeak=14:02			
UVSP 13:46				Wavelength=2788A	Code=01	Exp #=75219			
							Mac.=DA0	Carr. Lon.=152deg	H.Ang=82deg
							FePeak.c/s=9	#Peaks=1	dt= 7.7s XEN=828706
							Rast=0"x0"	Step=0"	Cad=3840s 3840s/pixel
							Rast=180"x1"	Step=0"	Pitch=+184", Yaw=-727"
Event # = 9577									
88/10/13,17:52	DOY=287	Peak	End times						
G0ES				SMM Pointing:	S18W82				
HXRBS 17:52:25	17:52:59	17:53:07							
UVSP 17:42				Qual=00					
				Qual=01					
				Peak...c/s=61		Tot Cts=366			
				Wavelength=1375A		Exp #=75232			
							MaxkeV=72	Pitch=+249", Yaw=-921"	
							Rast=10"x10"	Step=0"	
Event # = 9578									
88/10/13,20:33	DOY=287	Peak	End times						
Optical				SMM Pointing:	S18W82				
G0ES 20:26	20:33	21:08		Ha...Class=SN	S20W88				
HXRBS 20:25:44	20:30:47	21:02:17		Importance=M6	Qual=00				
GRS 20:29:00		20:32:00		Peak...c/s=11200	Qual=01	Tot Cts=1.07E+6			
BCS 20:26	20:32	21:03		CaPeak.c/s=4730	Qual=1	FePeak=20:31			
FCS				Wavelength=1375A	Code=00	Exp #=75242			
UVSP 20:32				245/3900 1415/2					
Radio				CaPeak.c/s=207	Qual=5	Event # = 21924			
BCS 21:03	21:03	21:05		Associated		FePeak=21:03			
FCS									
UVSP 20:50				Wavelength=1375A		Exp #=75244			
							FePeak.c/s=13	#Peaks=1	dt= 7.7s XEN=828708
							Rast=240"x240"	Step=10"	Cad= 590s 1.024s/pixel
							Rast=10"x10"	Step=0"	Pitch=+364", Yaw=-891"
Event # = 9579									
88/10/13,23:41	DOY=287	Peak	End times						
G0ES 23:38	23:41	23:43		SMM Pointing:	S24W83				
HXRBS 23:38:47	23:38:56	23:40:11		Importance=C1	Qual=01				
BCS 23:40	23:40	23:42		Peak...c/s=92	Qual=01	Tot Cts=852			
FCS				CaPeak.c/s=33	Qual=1	FePeak=23:40			
UVSP 23:39				Wavelength=1375A	Code=00	Exp #=75253			
Radio				111/2					
Sweeps				Type/Intensity:					
Radio				Frequency(MHz)/Flux(sfu):	245/250 410/68				
							Pitch=+404", Yaw=-872", Roll=0deg		H.Ang=86deg
							MaxkeV=101	#Peaks=1	dt= 7.7s XEN=828709
							Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
							Rast=265"x265"	Step=5"	Pitch=+411", Yaw=-859"
Event # = 9580									
88/10/14,02:43	DOY=288	Peak	End times						
G0ES 02:40	02:43	02:47		SMM Pointing:	S24W83				
HXRBS 02:40:45	02:41:30	02:42:04		Importance=B8	Qual=01				
UVSP 02:31				Peak...c/s=95	Qual=01	Tot Cts=1025			
				Wavelength=1375A	Code=00	Exp #=75264			
							MaxkeV=72	Step=5"	Pitch=+463", Yaw=-887"
							Rast=110"x200"		

Event # = 9581									
88/10/14, 07:34	DOY=288	Peak	End times						
GOES 07:31	07:34	07:34	07:40						
HXRBS 07:31:13	07:31:29	07:31:49		Importance=C1	Qual=01	Tot Cts=270	MaxkeV=72	Pitch=+463"	Yaw=-887"
UVSP 07:25				Peak...c/s=67	Qual=01	Exp #=75282	Rast=110"x200"	Step=5"	
				Wavelength=1375A	Code=00				
Event # = 9582									
88/10/14, 15:07	DOY=288	Peak	End times						
GOES 15:07:18	15:07:27	15:07:55		Peak...c/s=52	Qual=00	Tot Cts=145	MaxkeV=101	Pitch=-283"	Yaw=-687"
HXRBS 14:49				Wavelength=2788A	Qual=01	Exp #=75294	Rast=180"x1"	Step=0"	
Event # = 9583									
88/10/14, 18:49	DOY=288	Peak	End times						
GOES 18:45	18:49	18:52		Importance=B6	Qual=01	Tot Cts=303	MaxkeV=72	Pitch=+283"	Yaw=-687"
HXRBS 18:47:05	18:47:22	18:48:08		Peak...c/s=50	Qual=01	Exp #=75299	Rast=180"x1"	Step=0"	
UVSP 18:54				Wavelength=2788A	Code=02				
Event # = 9584									
88/10/14, 20:04	DOY=288	Peak	End times						
GOES 20:04:15	20:04:38	20:04:57		Peak...c/s=65	Qual=00	Tot Cts=355	MaxkeV=72	Pitch=-283"	Yaw=-687"
HXRBS 20:28				Wavelength=2788A	Qual=01	Exp #=75301	Rast=180"x1"	Step=0"	
Event # = 21925									
88/10/14, 20:14	DOY=288	Peak	End times						
GOES 20:10	20:14	20:43		Importance=C1	Qual=01	FePeak=20:13	FePeak.c/s=13	dt= 7.7s	XEN=828800
BCS 20:06	20:13	20:22		CaPeak.c/s=43	Qual= 1	Exp #=75301	Rast=0"x0"	Cad=1.02s	1.024s/pixel
FCS 20:28				Wavelength=2788A			Rast=180"x1"	Pitch=+283"	Yaw=-687"
UVSP 20:28									
Event # = 21926									
88/10/15, 04:05	DOY=289	Peak	End times						
GOES 03:58	04:05	04:23		Importance=C1	Qual=01	FePeak=04:03	FePeak.c/s=7	dt= 7.7s	XEN=828900
BCS 04:03	04:04	04:08		CaPeak.c/s=21	Qual= 4	Exp #=75321	Rast=0"x0"	Cad=1.02s	1.024s/pixel
FCS 03:54				Wavelength=1375A	Code=00		Rast=110"x200"	Pitch=+393"	Yaw=-887"
UVSP 03:54									
Event # = 9585									
88/10/15, 20:47	DOY=289	Peak	End times	SMM Pointing:					
Optical 20:38	20:47	20:52		Ha...Class=SN	N23E07	AR5193	Pitch=+404"	Yaw=-903"	Roll=0deg
GOES 20:37:18	20:38:30	20:41:22		Importance=C2	Qual=01		Mac. =BX0	Carr. Lon.=37deg	H. Ang=18deg
HXRBS 20:37:18	20:38:30	20:41:22		Peak...c/s=74	Qual=01	Tot Cts=3239	MaxkeV=132		
UVSP 20:45				Wavelength=1375A	Code=00	Exp #=75372	Rast=110"x200"	Step=5"	Pitch=+368"
									Yaw=-918"

Event # = 21927 DOY=289									
88/10/15, 21:06	Start	End times							
GOES 21:06	Peak	21:50	Importance=C3	Qual=03					
BCS 20:52		21:04	CaPeak.c/s=50	Qual=1	FePeak=21:04				
FCS 20:57									
UVSP 21:04			Wavelength=1375A	Code=00	Exp #=75374	FePeak.c/s=10	#Peaks=1	dt= 3.8s	XEN=828901
						Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
						Rast=110"x200"	Step=5"	Pitch=+358"	Yaw=-918"
88/10/16 DOY=290									
88/10/16, 05:29	Start	End times							
GOES 05:29	Peak	05:50	SMM Pointing:	N13W50					
HXRBS 05:25		05:50	Importance=C1	Qual=02					
UVSP 05:18		05:25:12	Peak...c/s=116	Qual=03	Tot Cts=553	MaxkeV=603	Flags=EN, NS, GB		
			Wavelength=2788A	Code=01	Exp #=75388	Rast=180"x1"	Step=0"	Pitch=-14"	Yaw=-537"
88/10/16 DOY=290									
88/10/16, 15:27	Start	End times							
GOES 15:23	Peak	16:03	SMM Pointing:	N13W56					
HXRBS 15:22:35		15:25:29	Importance=C3	Qual=01					
UVSP 15:18		15:23:16	Peak...c/s=101	Qual=01	Tot Cts=3834	MaxkeV=72			
			Wavelength=2788A	Code=00	Exp #=75398	Rast=180"x1"	Step=0"	Pitch=-23"	Yaw=-592"
88/10/16 DOY=290									
88/10/16, 20:48	Start	End times							
GOES 20:41	Peak	21:20	SMM Pointing:	N23W06					
HXRBS 20:42:53		20:44:35	Ha...Class=SF	N22E90					
UVSP 20:57		20:49:06	Importance=C9	Qual=03	AR5200				
			Peak...c/s=240	Qual=01	Tot Cts=17939	MaxkeV=72	Carr. Lon.=301deg		
			Wavelength=2788A	Code=02	Exp #=75405	Rast=180"x1"	Step=0"	Pitch=-153"	Yaw=-79"
88/10/17 DOY=291									
88/10/17, 04:38	Start	End times							
GOES 03:50	Peak	05:41	SMM Pointing:	N21E89					
HXRBS 04:04:53		04:51:22	Importance=M2	Qual=03					
BCS 04:05		04:30	Peak...c/s=279	Qual=01	Tot Cts=1.67E+5	MaxkeV=132	Flags=M5		
UVSP 04:35			CaPeak.c/s=1733	Qual=1	FePeak=04:28	FePeak.c/s=415	#Peaks=2	dt= 7.7s	XEN=829100
			Wavelength=1375A	Code=00	Exp #=75422	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
						Rast=265"x265"	Step=5"	Pitch=-336"	Yaw=-912"
88/10/17 DOY=291									
88/10/17, 05:57	Start	End times							
GOES 05:57:06	Peak	06:02:33	SMM Pointing:	N23W11					
HXRBS 05:57:06		05:57:57	Peak...c/s=62	Qual=00					
UVSP 05:56			Wavelength=1375A	Qual=01	Tot Cts=1330	MaxkeV=72			
					Exp #=75426	Rast=265"x265"	Step=5"	Pitch=-281"	Yaw=-167"
88/10/17 DOY=291									
88/10/17, 06:18	Start	End times							
GOES 06:18:38	Peak	06:21:33	SMM Pointing:	N23W11					
HXRBS 06:18:38		06:18:56	Peak...c/s=67	Qual=00					
UVSP 06:16			Wavelength=1375A	Qual=01	Tot Cts=1080	MaxkeV=72			
					Exp #=75429	Rast=10"x10"	Step=0"	Pitch=-309"	Yaw=-122"

Event # = 9592	DOY=291	Start	End times	SMM Pointing:	N23W11	Pitch=-289", Yaw=-176", Roll=0deg	H. Ang=21deg
88/10/17, 06:24	Peak						
GOES	06:24:37	06:24:41	06:25:43	Peak...c/s=55	Qual=00		
HXRBS	06:24:37	06:24:41	06:25:43	Wavelength=1375A	Qual=01		
UVSP	06:16					Step=0"	Pitch=-309", Yaw=-122"
						MaxkeV=72	
						Rast=10"x10"	
						Tot Cts=157	
						Exp #=75429	
Event # = 9593	DOY=291	Start	End times	SMM Pointing:	N23W12	Pitch=-289", Yaw=-189", Roll=0deg	H. Ang=21deg
88/10/17, 07:57	Peak						
GOES	07:53	07:57	08:16	Importance=C9	Qual=03		
HXRBS	07:51:36	07:53:35	07:56:41	Peak...c/s=830	Qual=01		
UVSP	07:53			Wavelength=1375A	Code=00	Step=0"	Pitch=-329", Yaw=-200"
Radio	Frequency (MHz)/Flux(sfu):			2695/48 4995/130 8800/92			
Event # = 9594	DOY=291	Start	End times	SMM Pointing:	N23W13	Pitch=-203", Yaw=+288", Roll=90deg	H. Ang=21deg
88/10/17, 09:28	Peak						
GOES	09:28:27	09:28:47	09:29:12	Peak...c/s=57	Qual=00		
HXRBS	09:28:27	09:28:47	09:29:12	Wavelength=2788A	Qual=01	Step=3"	Pitch=-197", Yaw=+301"
UVSP	08:54					MaxkeV=72	
						Rast=243"x243"	
						Tot Cts=305	
						Exp #=75436	
Event # = 9847	DOY=291	Start	End times	SMM Pointing:	N06W00	Pitch=+1", Yaw=+2", Roll=0deg	H. Ang=0deg
88/10/17, 11:10	Peak						
GOES	10:45	11:10	11:45	Importance=C8	Qual=02		
HXRBS	10:46:53	10:47:44	10:50:12	Peak...c/s=125	Qual=01	Flags=I	
UVSP	11:01			Wavelength=2788A	Code=00	Step=0"	Pitch=+134", Yaw=+185"
				Associated			
				Event # = 9848			
HXRBS	10:52:46	10:53:22	10:53:52	Peak...c/s=75	Qual=01	Flags=I	
				Associated			
				Event # = 9849			
HXRBS	11:01:30	11:03:07	11:03:48	Peak...c/s=71	Qual=01	Flags=I	
						MaxkeV=72	
						Tot Cts=1180	
Event # = 9851	DOY=291	Start	End times	SMM Pointing:	N06W00	Pitch=+1", Yaw=+2", Roll=0deg	H. Ang=0deg
88/10/17, 14:24	Peak						
GOES	14:07	14:24	14:42	Importance=M1	Qual=02		
HXRBS	14:08:08	14:08:59	14:12:28	Peak...c/s=121	Qual=01	Flags=I	
UVSP	14:10			Wavelength=2788A	Code=01	Step=0"	Pitch=+134", Yaw=+185"
						MaxkeV=72	
						Rast=180"x1"	
						Tot Cts=5410	
						Exp #=75442	
Event # = 9853	DOY=291	Start	End times	SMM Pointing:	N23W16	Pitch=-291", Yaw=-252", Roll=0deg	H. Ang=24deg
88/10/17, 15:48	Peak						
Optical				Ha...Class=SF	N20E84	Mac.=DAO	Carr.Lon.=297deg
GOES	15:40	15:48	16:17	Importance=M2	Qual=03		H. Ang=82deg
HXRBS	15:42:04	15:44:38	15:49:04	Peak...c/s=779	Qual=01	Flags=I	
UVSP	15:45			Wavelength=2788A	Code=00	Step=0"	Pitch=-157", Yaw=-75"
						MaxkeV=132	
						Rast=180"x1"	
						Tot Cts=79757	
						Exp #=75444	
Event # = 9596	DOY=291	Start	End times	SMM Pointing:	N24E88	Pitch=-382", Yaw=+883", Roll=0deg	H. Ang=86deg
88/10/17, 16:27	Peak						
GOES	16:22	16:27	17:02	Importance=C8	Qual=05		
HXRBS	16:24:29	16:25:42	16:26:04	Peak...c/s=54	Qual=02	Flags=SN	
BCS	16:25	16:26	17:23	CaPeak.c/s=247	Qual=5	dt= 3.8s	XEN=829101
FCS						#Peaks=1	
UVSP	16:20			Wavelength=2788A	Code=00	Rast=240"x240"	Cad= 590s
						Step=10"	1.024s/pixel
						Step=0"	Pitch=+134", Yaw=-79"
						MaxkeV=72	
						FePeak.c/s=34	
						Rast=240"x240"	
						Tot Cts=560	
						FePeak=16:26	
						Exp #=75445	



Event # = 9597									
88/10/17, 17:05		DOY=291	SMM Pointing:		N24E88	Pitch=-382", Yaw=+883", Roll=0deg		H.Ang=86deg	
Start		Peak	End times						
GOES	17:04:44	17:05:02	17:05:23	Peak...c/s=83	Qual=00	Tot Cts=639	MaxkeV=162	Pitch=-248", Yaw=+1069"	
HXRBS	17:18			Wavelength=2788A	Qual=01	Exp #=75446	Rast=180"x1"	Step=0"	
UVSP									
Event # = 21928									
88/10/17, 18:13		DOY=291	SMM Pointing:		N24E88	Pitch=-382", Yaw=+883", Roll=0deg		H.Ang=86deg	
Start		Peak	End times						
GOES	17:59	18:13	18:17	CaPeak.c/s=41	Qual=00	FePeak=18:00	FePeak.c/s=13	#Peaks=1	dt= 7.7s
BCS					Qual=1		Rast=0"x0"	Step=0"	XEN=829102
FCS						Exp #=75447	Rast=180"x1"	Step=0"	Cad=1.02s
UVSP	17:54							Step=0"	Pitch=-248", Yaw=+1069"
Event # = 21929									
88/10/17, 18:28		DOY=291	SMM Pointing:		N24E88	Pitch=-382", Yaw=+883", Roll=0deg		H.Ang=86deg	
Start		Peak	End times						
GOES	18:24	18:28	18:31	Importance=C2	Qual=01	FePeak=18:28	FePeak.c/s=8	#Peaks=1	dt= 7.7s
BCS	18:27	18:28	18:30	CaPeak.c/s=19	Qual=4		Rast=0"x0"	Step=0"	XEN=829103
FCS						Exp #=75448	Rast=180"x1"	Step=0"	Cad=1.02s
UVSP	18:52			Wavelength=2788A				Step=0"	Pitch=-248", Yaw=+814"
Event # = 9598									
88/10/17, 20:22		DOY=291	SMM Pointing:		N24E88	Pitch=-382", Yaw=+883", Roll=0deg		H.Ang=86deg	
Start		Peak	End times						
Optical	20:16	20:22	20:40	Ha...Class=SF	N24W15	AR5193	Mac.=DAI	Carr.Lon.=33deg	
GOES	20:10:51	20:18:03	20:21:44	Importance=C4	Qual=03				
HXRBS	20:15	20:20	20:31	Peak...c/s=65	Qual=01	Tot Cts=4004	MaxkeV=72	#Peaks=1	dt= 3.8s
BCS				CaPeak.c/s=140	Qual=1	FePeak=20:19	FePeak.c/s=35	Step=0"	XEN=829104
FCS						Exp #=75450	Rast=0"x0"	Step=0"	Cad=3840s
UVSP	20:25			Wavelength=2788A	Code=02		Rast=180"x1"	Step=0"	Pitch=-248", Yaw=+814"
Event # = 9599									
88/10/17, 21:11		DOY=291	SMM Pointing:		N21E88	Pitch=-344", Yaw=+899", Roll=0deg		H.Ang=86deg	
Start		Peak	End times						
GOES	21:08	21:11	21:30	Importance=C2	Qual=01	Tot Cts=2116	MaxkeV=193	#Peaks=1	dt= 7.7s
HXRBS	21:08:16	21:09:21	21:10:13	Peak...c/s=82	Qual=01	FePeak=21:09	FePeak.c/s=13	Step=0"	XEN=829105
BCS	21:07	21:11	21:25	CaPeak.c/s=25	Qual=1	Exp #=75451	Rast=0"x0"	Step=0"	Cad=1.02s
FCS							Rast=180"x1"	Step=0"	Pitch=-210", Yaw=+829"
UVSP	21:02			Wavelength=2788A	Code=00				
Event # = 21930									
88/10/17, 21:57		DOY=291	SMM Pointing:		N21E88	Pitch=-344", Yaw=+899", Roll=0deg		H.Ang=86deg	
Start		Peak	End times						
GOES	21:57	21:57	21:58	CaPeak.c/s=52	Qual=00	FePeak=21:57	FePeak.c/s=64	#Peaks=1	dt= 7.7s
BCS					Qual=6		Rast=0"x0"	Step=0"	XEN=829106
FCS						Exp #=75452	Rast=180"x1"	Step=0"	Cad=3840s
UVSP	22:00			Wavelength=2788A				Step=0"	Pitch=-210", Yaw=+829"

88/10/18		DOY=292							
Event # = 9600									
88/10/18, 00:40	DOY=292			SMM Pointing:	N21E88			Pitch=-344", Yaw=+899", Roll=0deg	H.Ang=86deg
Optical	Start	End times							
GOES 00:34	00:40	00:51		Ha...Class=1B	N18E77	AR5200		Mac.=DA0	H.Ang=76deg
HXRBS 00:33:41	00:34:54	00:41:28		Importance=M2	Qual=01				
UVSP 01:07				Peak...c/s=3513	Qual=01			Step=0"	Pitch=-210", Yaw=+829"
				Wavelength=2788A					
Event # = 9601									
88/10/18, 02:30	DOY=292			SMM Pointing:	N21E88			Pitch=-344", Yaw=+899", Roll=0deg	H.Ang=86deg
Optical	Start	End times							
GOES 02:21	02:30	02:34		Ha...Class=1F	N18E77	AR5200		Mac.=DAI	H.Ang=76deg
HXRBS 02:23:53	02:23:58	02:24:13		Importance=C3	Qual=01				
UVSP 02:13				Peak...c/s=49	Qual=01			MaxkeV=72	
				Wavelength=1375A				Rast=10"x10"	Pitch=-285", Yaw=+890"
Event # = 9602									
88/10/18, 05:29	DOY=292			SMM Pointing:	N21E88			Pitch=-344", Yaw=+899", Roll=0deg	H.Ang=86deg
Optical	Start	End times							
GOES 05:24	05:29	05:35		Importance=C2	Qual=01				
HXRBS 05:26:36	05:27:00	05:27:35		Peak...c/s=59	Qual=01			MaxkeV=72	
UVSP 05:24				Wavelength=1375A	Code=00			Rast=10"x10"	Pitch=-275", Yaw=+895"
Event # = 9603									
88/10/18, 05:51	DOY=292			SMM Pointing:	N21E88			Pitch=-344", Yaw=+899", Roll=0deg	H.Ang=86deg
Optical	Start	End times							
GOES 05:39	05:51	06:28		Ha...Class=1F	N18E77	AR5200		Mac.=DAI	H.Ang=76deg
HXRBS 05:40:37	05:40:55	05:42:15		Importance=C3	Qual=03				
UVSP 05:41				Peak...c/s=70	Qual=01			MaxkeV=101	
Radio Sweeps	Type/Intensity:			Wavelength=1375A	Code=00			Rast=10"x10"	Pitch=-270", Yaw=+895"
Event # = 9604									
88/10/18, 08:31	DOY=292								
Optical	Start	End times							
GOES 08:29	08:31	08:40		Importance=C2	Qual=01				
HXRBS 08:29:23	08:29:52	08:30:51		Peak...c/s=99	Qual=01			MaxkeV=72	
UVSP 08:22				Wavelength=1375A	Code=00			Rast=10"x10"	Pitch=-279", Yaw=+880"
Event # = 9605									
88/10/18, 10:24	DOY=292								
Optical	Start	End times							
GOES 10:19	10:24	10:28		Importance=C2	Qual=01				
HXRBS 10:21:11	10:21:49	10:22:06		Peak...c/s=51	Qual=01			MaxkeV=72	
UVSP 09:54				Wavelength=2788A	Code=00			Rast=243"x243"	Pitch=-335", Yaw=+912"
Radio Frequency(MHz)/Flux(sfu):	245/67								
Event # = 9609									
88/10/18, 11:15	DOY=292								
Optical	Start	End times							
GOES 11:11	11:15	11:18		Importance=C3	Qual=01				
HXRBS 11:13:48	11:14:02	11:14:33		Peak...c/s=70	Qual=11			MaxkeV=72	
UVSP 11:06				Wavelength=2788A	Code=00			Rast=180"x1"	Pitch=-207", Yaw=+828"

Event # = 9610									
88/10/18, 11:43 DOY=292									
GOES	11:41	Peak	End times						
HXRBS	11:42:59	11:43:13	11:43:29	Importance=C3	Qual=01				
UVSP	12:04			Peak...c/s=90	Qual=01				
				Wavelength=2788A					
						Tot Cts=557	MaxkeV=101	Step=0"	Pitch=-206", Yaw=+828"
						Exp #=75487	Rast=180"x1"		
Event # = 9611									
88/10/18, 11:57 DOY=292									
Optical		Peak	End times						
GOES	11:53	11:57	12:30	Ha...Class=SF	S21W55	AR5190	Mac.=DAO	Carr. Lon.=65deg	H. Ang=60deg
HXRBS	11:54:05	11:56:03	11:56:52	Importance=C4	Qual=03				
UVSP	12:04			Peak...c/s=147	Qual=01	Tot Cts=2695	MaxkeV=101	Step=0"	Pitch=-206", Yaw=+828"
Radio				Wavelength=2788A	Code=02	Exp #=75487	Rast=180"x1"		
				Frequency(MHz)/Flux(sfu):	245/82				
Event # = 9862									
88/10/18, 12:50 DOY=292									
Optical		Peak	End times						
GOES	12:49	12:50	12:52	Ha...Class=SF	S22W55	AR5190	Mac.=DS0	Carr. Lon.=64deg	H. Ang=60deg
HXRBS	12:49:39	12:50:01	12:50:47	Importance=C1	Qual=01				
UVSP	12:41			Peak...c/s=85	Qual=01	Tot Cts=372	MaxkeV=72	Flags=I	
				Wavelength=2788A	Code=00	Exp #=75488	Rast=180"x1"	Step=0"	Pitch=-206", Yaw=+827"
Event # = 9612									
88/10/18, 15:56 DOY=292									
Optical		Peak	End times	SMM Pointing:	N21E72				
GOES	15:53	15:56	16:10	Ha...Class=SF	S22W57	AR5190	Mac.=DS0	Carr. Lon.=64deg	H. Ang=62deg
HXRBS	15:54:01	15:54:30	15:54:45	Importance=C1	Qual=01				
UVSP	15:58			Peak...c/s=68	Qual=01	Tot Cts=553	MaxkeV=72	Step=5"	Pitch=-311", Yaw=+873"
				Wavelength=1375A	Code=02	Exp #=75498	Rast=265"x265"		
Event # = 9613									
88/10/18, 19:45 DOY=292									
Optical		Peak	End times	SMM Pointing:	N21E72				
GOES	19:41	19:45	19:48	Ha...Class=SF	N19E69	AR5200	Mac.=DAO	Carr. Lon.=296deg	H. Ang=68deg
HXRBS	19:41:02	19:43:20	19:44:07	Importance=C2	Qual=01				
UVSP	19:53			Peak...c/s=79	Qual=01	Tot Cts=1884	MaxkeV=72	Step=0"	Pitch=-182", Yaw=+780"
				Wavelength=2788A	Code=02	Exp #=75518	Rast=180"x1"		
Event # = 21931									
88/10/19, 01:37 DOY=293									
GOES	01:28	01:37	01:51	Importance=C1	Qual=01				
BCS	01:35	01:36	01:44	CaPeak.c/s=20	Qual= 4	FePeak=01:36	FePeak.c/s=6	#Peaks=1	dt= 7.7s XEN=829300
UVSP	01:12			Wavelength=2788A		Exp #=75525	Rast=180"x1"	Step=0"	Cad=1.02s 1.024s/pixel
								Step=0"	Pitch=-178", Yaw=+764"
Event # = 9615									
88/10/19, 03:26 DOY=293									
GOES	03:26:15	03:26:40	03:26:56	SMM Pointing:	N21E68				
HXRBS	03:26:15	03:26:40	03:26:56	Peak...c/s=51	Qual=00				
UVSP	03:43			Wavelength=2788A	Qual=01	Tot Cts=204	MaxkeV=72	Step=0"	Pitch=-176", Yaw=+756"
						Exp #=75527	Rast=180"x1"		

Event # = 9614									
88/10/19, 10:04	DOY=293		SMM Pointing:	N21E64			Pitch=-306", Yaw=+807", Roll=0deg		H. Ang=63deg
Start	Peak	End times							
GOES 10:00	10:04	10:10	Importance=C1	Qual=03					
HXRBS 10:00:26	10:02:35	10:03:54	Peak...c/s=65	Qual=01	Tot Cts=1393		MaxkeV=72		
UVSP 09:56			Wavelength=1375A	Code=00	Exp #=75546		Rast=10"x10"	Step=0"	Pitch=-261", Yaw=+814"
Event # = 21932									
88/10/19, 12:17	DOY=293								
Start	Peak	End times							
GOES 12:00	12:17	12:35	Importance=C1	Qual=04			FePeak.c/s=7	#Peaks=1	dt= 7.7s XEN=829301
BCS 12:15	12:16	12:23	CaPeak.c/s=21	Qual= 4	FePeak=12:15		Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
FCS							Rast=265"x265"	Step=5"	Pitch=-296", Yaw=+807"
UVSP 12:18			Wavelength=1375A	Code=02	Exp #=75553				
Event # = 9617									
88/10/19, 13:00	DOY=293		SMM Pointing:	N21E62			Pitch=-303", Yaw=+795", Roll=0deg		H. Ang=62deg
Start	Peak	End times							
Optical			Ha...Class=SF	S14W70	AR5184		Mac.=HSX	Carr. Lon.=66deg	H. Ang=72deg
GOES 12:47	13:00	13:41	Importance=C5	Qual=03					
HXRBS 12:55:03	12:56:09	12:59:03	Peak...c/s=403	Qual=01	Tot Cts=12348		MaxkeV=226		
UVSP 12:55			Wavelength=1375A	Code=00	Exp #=75558		Rast=10"x10"	Step=0"	Pitch=-264", Yaw=+803"
Radio	Frequency(MHz)/Flux(sfu):		245/89 410/200 606/130 1415/10 2695/82 4995/140 8800/99 15400/57						
Event # = 21933									
88/10/19, 13:47	DOY=293								
Start	Peak	End times							
GOES 13:46	13:47	13:50	Importance=C2	Qual=01			FePeak.c/s=7	#Peaks=1	dt= 7.7s XEN=829302
BCS 13:48	13:48	13:49	CaPeak.c/s=21	Qual= 5	FePeak=13:48		Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
FCS							Rast=265"x265"	Step=5"	Pitch=-295", Yaw=+801"
UVSP 13:52			Wavelength=1375A	Code=02	Exp #=75559				
Event # = 9618									
88/10/19, 13:53	DOY=293		SMM Pointing:	N21E62			Pitch=-303", Yaw=+795", Roll=0deg		H. Ang=62deg
Start	Peak	End times							
GOES 13:50	13:53	14:08	Importance=C2	Qual=01			MaxkeV=72		
HXRBS 13:49:45	13:50:02	13:50:36	Peak...c/s=69	Qual=01	Tot Cts=587		FePeak.c/s=15	#Peaks=1	dt= 3.8s XEN=829303
BCS 13:51	13:52	14:03	CaPeak.c/s=64	Qual= 1	FePeak=13:51		Rast=240"x240"	Step=15"	Cad= 262s 1.024s/pixel
FCS							Rast=265"x265"	Step=5"	Pitch=-295", Yaw=+801"
UVSP 13:52			Wavelength=1375A	Code=00	Exp #=75559				
Event # = 21934									
88/10/19, 15:43	DOY=293								
Start	Peak	End times							
Optical			Ha...Class=SN	N32E51	AR5198		Mac.=HSX	Carr. Lon.=303deg	H. Ang=54deg
Optical			Ha...Class=SF	N20E61	AR5200			Carr. Lon.=293deg	H. Ang=61deg
GOES 15:21	15:43	16:07	Importance=C2	Qual=01			FePeak.c/s=7	#Peaks=1	dt= 7.7s XEN=829304
BCS 15:29	15:42	15:54	CaPeak.c/s=37	Qual= 4	FePeak=15:45		Rast=0"x0"	Step=0"	Cad=.26s 0.256s/pixel
FCS			Peak3...c/s=-1				Rast=265"x265"	Step=5"	Pitch=-294", Yaw=+794"
UVSP 15:41			Wavelength=1375A	Code=00	Exp #=75567				

Event # = 21935									
88/10/19, 18:26	DOY=293	Peak	End times						
Optical			Ha...Class=SF	N20E59	AR5200	Mac.=EKI	Carr.Lon.=294deg	H.Ang=59deg	
GOES 18:19	18:26	18:51	Importance=C2	Qual=01					
BCS 18:29	18:30	18:37	CaPeak.c/s=33	Qual= 4	FePeak=18:30	FePeak.c/s=10	#Peaks=1	dt= 7.7s	XEN=829305
FCS						Rast=0"x0"	Step=0"	Cad=3840s	3840s/pixel
UVSP 18:34			Wavelength=1375A	Code=02	Exp #=75582	Rast=265"x265"	Step=5"	Pitch=-292"	Yaw=+781"
Event # = 9619									
88/10/19, 19:16	DOY=293	Peak	End times						
Optical			SMM Pointing:	N21E59		Pitch=-300"	Yaw=+775"	Roll=0deg	H.Ang=59deg
GOES 18:59	19:16	20:02	Ha...Class=1B	N26E58	AR5200	Mac.=EKI	Carr.Lon.=294deg		
HRBS 19:00:15	19:05:47	19:18:29	Importance=M1	Qual=03					
BCS 19:02	19:13	19:28	Peak...c/s=194	Qual=01	Tot Cts=47788	MaxkeV=101	#Peaks=1	dt= 7.7s	XEN=829306
FCS			CaPeak.c/s=345	Qual= 1	FePeak=19:11	FePeak.c/s=66	Step=0"	Cad=3840s	3840s/pixel
UVSP 19:11			Wavelength=1375A	Code=00	Exp #=75587	Rast=130"x130"	Step=5"	Pitch=-360"	Yaw=+716"
Radio			Frequency(MHz)/Flux(sfu):	410/50 606/57					
Event # = 9620									
88/10/19, 20:10	DOY=293	Peak	End times						
Optical			SMM Pointing:	N21E58		Pitch=-299"	Yaw=+764"	Roll=0deg	H.Ang=58deg
GOES 20:07	20:10	20:21	Importance=C7	Qual=01		MaxkeV=72	#Peaks=2	dt= 7.7s	XEN=829307
HRBS 20:07:23	20:07:41	20:08:43	Peak...c/s=72	Qual=01	Tot Cts=1081	FePeak.c/s=24	Step=0"	Cad=3840s	3840s/pixel
BCS 20:03	20:10	21:02	CaPeak.c/s=167	Qual= 1	FePeak=20:09	Rast=0"x0"	Step=3"	Pitch=-291"	Yaw=+774"
FCS						Rast=243"x243"			
UVSP 20:07			Wavelength=2788A	Code=00	Exp #=75590				
Event # = 9621									
88/10/19, 20:23	DOY=293	Peak	End times						
Optical			SMM Pointing:	N21E58		Pitch=-299"	Yaw=+764"	Roll=0deg	H.Ang=58deg
GOES 20:21	20:23	20:24	Importance=C5	Qual=01		MaxkeV=72	#Peaks=2	dt= 7.7s	XEN=829307
HRBS 20:21:59	20:22:12	20:22:21	Peak...c/s=51	Qual=01	Tot Cts=156	Rast=0"x0"	Step=0"	Cad=3840s	3840s/pixel
UVSP 20:07			Wavelength=2788A	Code=00	Exp #=75590	Rast=243"x243"	Step=3"	Pitch=-291"	Yaw=+774"
Event # = 9622									
88/10/19, 20:57	DOY=293	Peak	End times						
Optical			SMM Pointing:	N21E58		Pitch=-299"	Yaw=+764"	Roll=0deg	H.Ang=58deg
GOES 20:51	20:57	21:09	Ha...Class=1F	N21E55	AR5200	Mac.=EKI	Carr.Lon.=296deg		H.Ang=55deg
HRBS 20:50:17	20:51:07	20:52:11	Importance=C5	Qual=03					
UVSP 20:07			Peak...c/s=721	Qual=01	Tot Cts=13286	MaxkeV=226	Step=3"	Pitch=-291"	Yaw=+774"
Radio			Wavelength=2788A	Code=00	Exp #=75590	Rast=243"x243"			
Radio Sweeps			Type/Intensity:						
Frequency(MHz)/Flux(sfu):	245/120	410/50	606/75						
HRBS 20:52:39	20:54:02	20:55:46	Peak...c/s=180	Qual=01	Event # = 9623	MaxkeV=101			
Event # = 9624									
88/10/19, 21:48	DOY=293	Peak	End times						
Optical			SMM Pointing:	N21E57		Pitch=-302"	Yaw=+753"	Roll=0deg	H.Ang=57deg
GOES 21:47:46	21:48:06	21:48:14	Peak...c/s=62	Qual=00		MaxkeV=72	Step=0"	Pitch=-163"	Yaw=+685"
HRBS 21:33			Wavelength=2788A	Qual=01	Tot Cts=303	Rast=180"x1"			
UVSP 21:33					Exp #=75591				

Event # = 9625	DOY=293	SMM Pointing:	N21E57	Pitch=-302", Yaw=+753", Roll=0deg	H.Ang=57deg
88/10/19, 22:13	Peak	End times			
Optical					
G0ES 22:07	22:13	Ha...Class=SN	N19E54	Mac.=EKI	H.Ang=54deg
G0ES 22:06:42	22:11:48	Importance=M1	Qual=01		
HXRBS 22:06	22:13	Peak...c/s=619	Qual=01		
BCS 22:06	22:13	CaPeak.c/s=753	Qual=1		
FCS					
UVSP 22:30		Wavelength=2788A			
Radio Frequency (MHz)/Flux(sfu):		410/140 606/180 4995/57 8800/150 15400/130			
Event # = 21936	DOY=293	SMM Pointing:	N21E57	Pitch=-302", Yaw=+753", Roll=0deg	H.Ang=57deg
88/10/19, 22:20	Peak	End times			
G0ES 22:20	22:20	CaPeak.c/s=31	Qual=00		
BCS 22:20	22:20	Wavelength=2788A	Qual=5		
UVSP 22:30					
Radio Frequency (MHz)/Flux(sfu):					
Event # = 9626	DOY=293	SMM Pointing:	N21E57	Pitch=-302", Yaw=+753", Roll=0deg	H.Ang=57deg
88/10/19, 23:13	Peak	End times			
G0ES 23:07	23:13	Importance=C4	Qual=01		
HXRBS 23:09:44	23:10:41	Peak...c/s=236	Qual=01		
BCS 23:11	23:13	CaPeak.c/s=167	Qual=1		
FCS 23:05					
UVSP 23:05		Wavelength=2788A	Code=00		
Radio Frequency (MHz)/Flux(sfu):		606/140 2695/18 8800/29 15400/13			
Event # = 9627	DOY=293	SMM Pointing:	N21E57	Pitch=-302", Yaw=+753", Roll=0deg	H.Ang=57deg
88/10/19, 23:18	Peak	End times			
G0ES 23:17:34	23:18:09	Peak...c/s=55	Qual=00		
HXRBS 23:05	23:18:09	Wavelength=2788A	Qual=01		
UVSP 23:05					
Radio Frequency (MHz)/Flux(sfu):					
Event # = 9628	DOY=294	SMM Pointing:	N21E56	Pitch=-296", Yaw=+743", Roll=0deg	H.Ang=56deg
88/10/20, 00:57	Peak	End times			
Optical					
G0ES 00:50	00:57	Ha...Class=SF	N23W45	Mac.=DAO	H.Ang=47deg
G0ES 00:50:19	00:50:43	Importance=C2	Qual=01		
HXRBS 00:50:19	00:50:43	Peak...c/s=63	Qual=01		
UVSP 00:40		Wavelength=2788A	Code=01		
Radio Frequency (MHz)/Flux(sfu):		606/31			
Event # = 9629	DOY=294	SMM Pointing:	N21E56	Pitch=-296", Yaw=+743", Roll=0deg	H.Ang=56deg
88/10/20, 01:22	Peak	End times			
G0ES 01:17	01:22	Importance=C2	Qual=01		
HXRBS 01:16:58	01:17:43	Peak...c/s=265	Qual=01		
BCS 01:19	01:19	CaPeak.c/s=24	Qual=4		
FCS 01:38					
UVSP 01:38		Wavelength=2788A			
Radio Frequency (MHz)/Flux(sfu):		8800/37 15400/90			
Event # = 9630	DOY=294	SMM Pointing:	N21E56	Pitch=-296", Yaw=+743", Roll=0deg	H.Ang=56deg
88/10/20, 01:22	Peak	End times			
G0ES 01:17	01:22	Importance=C2	Qual=01		
HXRBS 01:16:58	01:17:43	Peak...c/s=265	Qual=01		
BCS 01:19	01:19	CaPeak.c/s=24	Qual=4		
FCS 01:38					
UVSP 01:38		Wavelength=2788A			
Radio Frequency (MHz)/Flux(sfu):		8800/37 15400/90			
Event # = 9631	DOY=294	SMM Pointing:	N21E56	Pitch=-296", Yaw=+743", Roll=0deg	H.Ang=56deg
88/10/20, 01:22	Peak	End times			
G0ES 01:17	01:22	Importance=C2	Qual=01		
HXRBS 01:16:58	01:17:43	Peak...c/s=265	Qual=01		
BCS 01:19	01:19	CaPeak.c/s=24	Qual=4		
FCS 01:38					
UVSP 01:38		Wavelength=2788A			
Radio Frequency (MHz)/Flux(sfu):		8800/37 15400/90			
Event # = 9632	DOY=294	SMM Pointing:	N21E56	Pitch=-296", Yaw=+743", Roll=0deg	H.Ang=56deg
88/10/20, 01:22	Peak	End times			
G0ES 01:17	01:22	Importance=C2	Qual=01		
HXRBS 01:16:58	01:17:43	Peak...c/s=265	Qual=01		
BCS 01:19	01:19	CaPeak.c/s=24	Qual=4		
FCS 01:38					
UVSP 01:38		Wavelength=2788A			
Radio Frequency (MHz)/Flux(sfu):		8800/37 15400/90			
Event # = 9633	DOY=294	SMM Pointing:	N21E56	Pitch=-296", Yaw=+743", Roll=0deg	H.Ang=56deg
88/10					

Event # = 21937									
88/10/20, 02:19	DOY=294	Start	End times						
GOES 02:11	Peak 02:19		02:30	Importance=C2	Qual=01				
BCS 02:23	02:24		02:31	CaPeak.c/s=33	Qual= 5	FePeak=02:23	FePeak.c/s=9	#Peaks=1	dt= 7.7s XEN=829401
FCS							Rast=0"x0"	Step=0"	Cad=3840s 3840s/pixel
UVSP 02:13				Wavelength=2788A	Code=00	Exp #=75597	Rast=180"x1"	Step=0"	Pitch=-160", Yaw=+662"
Event # = 21938									
88/10/20, 02:55	DOY=294	Start	End times						
GOES 02:52	Peak 02:55		03:02	Importance=C1	Qual=01				
BCS 02:54	02:54		03:00	CaPeak.c/s=24	Qual= 4	FePeak=02:54	FePeak.c/s=9	#Peaks=1	dt= 7.7s XEN=829402
FCS							Rast=0"x0"	Step=0"	Cad=3840s 3840s/pixel
UVSP 03:11				Wavelength=2788A		Exp #=75598	Rast=180"x1"	Step=0"	Pitch=-159", Yaw=+657"
Event # = 9630									
88/10/20, 06:35	DOY=294	Start	End times	SMM Pointing:	N21E52		Pitch=-292", Yaw=+712", Roll=0deg		H.Ang=53deg
GOES 06:15	Peak 06:35		06:50	Importance=M1	Qual=02				
HXRBS 06:20:12	06:20:43		06:24:22	Peak...c/s=68	Qual=01	Tot Cts=3840	MaxkeV=72	Flags=ND	
BCS 06:19	06:23		06:25	CaPeak.c/s=38	Qual= 2	FePeak=06:22	FePeak.c/s=8	#Peaks=1	dt= 7.7s XEN=829404
FCS							Rast=0"x0"	Step=0"	Cad=3840s 3840s/pixel
UVSP 06:04				Wavelength=1375A		Exp #=75617	Rast=10"x10"	Step=0"	Pitch=-243", Yaw=+688"
Event # = 12769									
88/10/20, 11:00	DOY=294	Start	End times	SMM Pointing:	N21E50		Pitch=-289", Yaw=+689", Roll=0deg		H.Ang=51deg
HXRBS 11:00:12	11:00:43		11:00:48	Peak...c/s=58	Qual=01	Tot Cts=522	MaxkeV=295	Flags=ND, NS, GB	
UVSP 11:00				Wavelength=2788A		Exp #=75644	Rast=180"x1"	Step=0"	Pitch=-155", Yaw=+616"
Event # = 9631									
88/10/20, 15:30	DOY=294	Start	End times	SMM Pointing:	N21E48		Pitch=-287", Yaw=+669", Roll=0deg		H.Ang=49deg
GOES 15:25	Peak 15:30		15:42	Importance=C2	Qual=01				
HXRBS 15:25:45	15:26:21		15:28:17	Peak...c/s=1802	Qual=01	Tot Cts=42536	MaxkeV=259	#Peaks=1	dt= 3.8s XEN=829406
BCS 15:27	15:28		15:36	CaPeak.c/s=54	Qual= 1	FePeak=15:28	FePeak.c/s=15	Step=0"	Cad=3840s 3840s/pixel
FCS							Rast=0"x0"	Step=0"	Pitch=-152", Yaw=+590"
UVSP 15:42				Wavelength=2788A		Exp #=75650	Rast=180"x1"		
Radio Sweeps	Type/Intensity:			V/3					
Radio Frequency (MHz)/Flux(sfu):	245/310 410/73 606/82 4995/80 8800/80								
Event # = 9852									
88/10/20, 18:52	DOY=294	Start	End times	SMM Pointing:	N21E46		Pitch=-285", Yaw=+646", Roll=0deg		H.Ang=47deg
GOES 18:50	Peak 18:52		18:54	Importance=88	Qual=01				
HXRBS 18:51:56	18:51:57		18:52:17	Peak...c/s=48	Qual=01	Tot Cts=599	MaxkeV=72	Flags=I, ND	
UVSP 18:49				Wavelength=2788A	Code=00	Exp #=75654	Rast=180"x1"	Step=0"	Pitch=-151", Yaw=+571"
Event # = 9632									
88/10/20, 22:57	DOY=294	Start	End times	SMM Pointing:	N21E43		Pitch=-283", Yaw=+615", Roll=0deg		H.Ang=45deg
GOES 22:57:33	22:57:41		22:57:54	Peak...c/s=61	Qual=00				
HXRBS 22:57:33	22:57:41		22:57:54	Wavelength=2788A	Qual=01	Tot Cts=164	MaxkeV=72	Step=0"	Pitch=-148", Yaw=+548"
UVSP 22:34						Exp #=75659	Rast=180"x1"		

[illegible]



Event # = 9637									
88/10/22, 07:53		DOY=296	SMM Pointing:		N21E25	Pitch=-269", Yaw=+388", Roll=0deg		H. Ang=29deg	
Start		Peak	End times						
GOES					Qual=00				
HXRBS	07:53:19	07:53:35	07:53:47	Peak...c/s=62	Qual=01	Tot Cts=146	MaxkeV=72		
UVSP	07:40			Wavelength=1375A		Exp #=75809	Rast=10"x10"	Step=0"	Pitch=-270", Yaw=+397"
Event # = 21942									
88/10/22, 09:24		DOY=296	SMM Pointing:		N21E25	Pitch=-269", Yaw=+388", Roll=0deg		H. Ang=29deg	
Start		Peak	End times						
GOES					Qual=00				
BCS	09:19	09:24	10:05	CaPeak.c/s=53	Qual= 4	FePeak=09:27	dt= 7.7s	XEN=829602	
FCS							Cad=1083s	2.048s/pixel	
UVSP	09:14			Wavelength=2788A		Exp #=75819	Rast=243"x243"	Step=3"	Pitch=-382", Yaw=+281"
Event # = 21943									
88/10/22, 10:44		DOY=296	SMM Pointing:		N21E23	Pitch=-268", Yaw=+351", Roll=0deg		H. Ang=27deg	
Start		Peak	End times						
GOES					Qual=00				
BCS	10:38	10:44	11:39	CaPeak.c/s=35	Qual= 5	FePeak=10:41	dt= 7.7s	XEN=829603	
FCS							Cad=1.02s	1.024s/pixel	
UVSP	10:34			Wavelength=2788A		Exp #=75820	Rast=180"x1"	Step=0"	Pitch=-134", Yaw=-70"
Event # = 9638									
88/10/22, 12:34		DOY=296	SMM Pointing:		N21E23	Pitch=-268", Yaw=+351", Roll=0deg		H. Ang=27deg	
Start		Peak	End times						
GOES					Qual=01				
HXRBS	12:31	12:34	12:42	Importance=C2	Qual=01	Tot Cts=4249	MaxkeV=163		
UVSP	12:31:40	12:32:10	12:33:21	Peak...c/s=245	Qual=01	Exp #=75822	Rast=180"x1"	Step=0"	Pitch=-134", Yaw=+282"
Event # = 21944									
88/10/22, 15:25		DOY=296	SMM Pointing:		N21E18	Pitch=-269", Yaw=+306", Roll=0deg		H. Ang=25deg	
Start		Peak	End times						
Optical									
GOES	15:10	15:25	15:39	Ha...Class=SF	N21E18	AR5200	Mac.=FKI	Carr. Lon.=297deg	H. Ang=24deg
BCS	15:23	15:26	16:14	Importance=C2	Qual=01	FePeak=15:26	dt= 7.7s	XEN=829604	
FCS				CaPeak.c/s=26	Qual= 1		Cad=1.02s	1.024s/pixel	
UVSP	15:13			Wavelength=2788A	Code=01	Exp #=75826	Rast=180"x1"	Step=0"	Pitch=-133", Yaw=+236"
Event # = 9639									
88/10/22, 15:40		DOY=296	SMM Pointing:		N21E20	Pitch=-269", Yaw=+306", Roll=0deg		H. Ang=25deg	
Start		Peak	End times						
GOES					Qual=00				
HXRBS	15:40:13	15:40:24	15:40:32	Peak...c/s=82	Qual=01	Tot Cts=240	MaxkeV=72		
UVSP	15:13			Wavelength=2788A		Exp #=75826	Rast=180"x1"	Step=0"	Pitch=-133", Yaw=+236"
Event # = 21945									
88/10/22, 16:58		DOY=296	SMM Pointing:		N24E21	Pitch=-269", Yaw=+306", Roll=0deg		H. Ang=28deg	
Start		Peak	End times						
Optical									
GOES	16:55	16:58	17:01	Ha...Class=SF	N24E21	AR5200	Mac.=FKI	Carr. Lon.=293deg	H. Ang=28deg
BCS	16:59	16:59	17:00	Importance=C2	Qual=01	FePeak=16:59	dt= 7.7s	XEN=829605	
FCS				CaPeak.c/s=20	Qual= 4		Cad=1.02s	1.024s/pixel	
UVSP	16:46			Wavelength=2788A	Code=01	Exp #=75828	Rast=180"x1"	Step=0"	Pitch=-133", Yaw=+223"

Event # = 9640	88/10/22 17:48	Start	DOY=296	Peak	End times	SMM Pointing:	N21E19	N19E12	AR5200	Pitch=-267", Yaw=+293", Roll=0deg	H.Ang=24deg
Optical	17:46	17:48	17:51		Ha...Class=SF	Importance=C2	Qual=01			Mac.=FKI	H.Ang=18deg
G0ES	17:47:29	17:47:55	17:48:51		Peak...c/s=186	Qual=01		Tot Cts=726		Carr.Lon.=302deg	
HXRBS	17:49				WaveLength=2788A	Code=02		Exp #=75829		Step=0"	Pitch=-133", Yaw=+215"
UVSP					Frequency(MHz)/Flux(sfu):	245/190					
Radio											
Event # = 9641	88/10/22 18:29	Start	DOY=296	Peak	End times	SMM Pointing:	N21E18	N18E10	AR5200	Pitch=-266", Yaw=+280", Roll=0deg	H.Ang=24deg
Optical	18:21	18:29	18:38		Ha...Class=SN	Importance=C4	Qual=01			Mac.=FKI	H.Ang=16deg
G0ES	18:26:18	18:26:31	18:27:09		Peak...c/s=75	Qual=01		Tot Cts=775		MaxkeV=101	
HXRBS	18:28	18:29	18:35		CaPeak.c/s=115	Qual= 5		FePeak=18:29		FePeak.c/s=18	#Peaks=1 dt= 7.7s XEN=829606
BCS					WaveLength=2788A	Code=00		Exp #=75830		Step=0"	Cad=1.02s 1.024s/pixel
FCS					Type/Intensity:					Step=0"	Pitch=-132", Yaw=+211"
UVSP					Frequency(MHz)/Flux(sfu):	245/190 410/250 606/75 15400/71					
Radio											
Event # = 9642	88/10/22 20:25	Start	DOY=296	Peak	End times	SMM Pointing:	N21E17	N23E16	AR5200	Pitch=-266", Yaw=+267", Roll=0deg	H.Ang=23deg
Optical	20:18	20:25	20:37		Ha...Class=SN	Importance=C5	Qual=03			Mac.=FKI	H.Ang=24deg
G0ES	20:20:13	20:20:25	20:20:52		Peak...c/s=61	Qual=01		Tot Cts=388		MaxkeV=72	
HXRBS	20:02	20:27	20:55		CaPeak.c/s=91	Qual= 3		FePeak=20:27		FePeak.c/s=13	#Peaks=2 dt= 7.7s XEN=829607
BCS					WaveLength=2788A			Exp #=75832		Step=0"	Cad=1.02s 1.024s/pixel
FCS										Step=0"	Pitch=-132", Yaw=+198"
UVSP											
Event # = 9643	88/10/22 23:21	Start	DOY=296	Peak	End times	SMM Pointing:	N21E16	N18E08	AR5200	Pitch=-266", Yaw=+249", Roll=0deg	H.Ang=22deg
Optical	23:13	23:21	23:32		Ha...Class=SN	Importance=C6	Qual=01			Mac.=FKI	H.Ang=15deg
G0ES	23:16:03	23:16:40	23:18:29		Peak...c/s=2551	Qual=01		Tot Cts=60314		MaxkeV=366	
HXRBS	23:16	23:20	23:37		CaPeak.c/s=199	Qual= 1		FePeak=23:20		FePeak.c/s=38	#Peaks=1 dt= 7.7s XEN=829608
BCS					WaveLength=1375A	Code=00		Exp #=75845		Step=0"	Cad=1.02s 1.024s/pixel
FCS					Type/Intensity:					Step=0"	Pitch=-206", Yaw=+166"
UVSP					Frequency(MHz)/Flux(sfu):	245/980 410/100 606/23 2695/31 8800/110 15400/68					
Radio											
Event # = 21946	88/10/23 02:27	Start	DOY=297	Peak	End times	SMM Pointing:	N20E14	N20E14	AR5200	Pitch=-295deg	H.Ang=20deg
Optical	02:24	02:27	03:15		Ha...Class=SF	Importance=C2	Qual=01			Mac.=FKI	
G0ES	02:26	02:27	02:31		CaPeak.c/s=35	Qual= 1		FePeak=02:26		FePeak.c/s=11	#Peaks=1 dt= 7.7s XEN=829700
BCS					WaveLength=1375A	Code=00		Exp #=75867		Step=0"	Cad=1.02s 1.024s/pixel
FCS					Type/Intensity:					Step=0"	Pitch=-291", Yaw=+105"
UVSP											
Radio											

Event # = 9645									
88/10/23, 06:00	Start	DOY=297	Peak	End times	SMM Pointing:	N21E12		Pitch=-265", Yaw=+190", Roll=0deg	H.Ang=20deg
Optical					Ha...Class=SN				
GOES	05:50	06:00	06:11		Importance=C5	N18E05	AR5200	Mac.=FKI	Carr.Lon.=302deg
HXRBS	05:54:48	05:55:41	05:57:34		Peak...c/s=491	Qual=01			H.Ang=14deg
UVSP	06:00				Wavelength=1375A	Code=02		MaxkeV=163	
Radio		Type/Intensity:			III/3 V/3			Rast=10"x10"	Pitch=-235", Yaw=+76"
Frequency (MHz)/Flux(sfu):		245/710	410/47						
-----									
HXRBS	05:52:22	05:52:43	05:53:08		Peak...c/s=214	Qual=01		MaxkeV=163	
UVSP	05:46				Wavelength=1375A			Rast=10"x10"	Pitch=-235", Yaw=+82"
-----									
Event # = 21947									
88/10/23, 06:25	Start	DOY=297	Peak	End times					
GOES									
BCS	05:58	06:25	06:25		CaPeak.c/s=50	Qual=00		FePeak.c/s=10	#Peaks=1 dt= 7.7s XEN=829701
FCS						Qual= 3		Rast=0"x0"	Cad=1.02s 1.024s/pixel
UVSP	06:14				Wavelength=1375A			Rast=10"x10"	Pitch=-240", Yaw=+84"
-----									
Event # = 21948									
88/10/23, 07:10	Start	DOY=297	Peak	End times					
Optical									
GOES					Ha...Class=SF	N19E05	AR5200	Mac.=FKI	Carr.Lon.=301deg
BCS	07:10	07:10	07:44		CaPeak.c/s=46	Qual=00		FePeak.c/s=6	#Peaks=1 dt= 7.7s XEN=829702
FCS						Qual= 5		Rast=0"x0"	Cad=1.02s 1.024s/pixel
UVSP	07:09				Wavelength=1375A			Rast=10"x10"	Pitch=-235", Yaw=+71"
-----									
Event # = 9646									
88/10/23, 07:20	Start	DOY=297	Peak	End times	SMM Pointing:	N21E11		Pitch=-264", Yaw=+176", Roll=0deg	H.Ang=19deg
GOES									
HXRBS	07:20:07	07:20:20	07:20:47		Peak...c/s=236	Qual=00		MaxkeV=163	
UVSP	07:09				Wavelength=1375A	Qual=01		Rast=10"x10"	Pitch=-235", Yaw=+71"
-----									
Event # = 9647									
88/10/23, 07:40	Start	DOY=297	Peak	End times	SMM Pointing:	N21E11		Pitch=-264", Yaw=+176", Roll=0deg	H.Ang=19deg
GOES									
HXRBS	07:40:14	07:40:34	07:40:51		Peak...c/s=81	Qual=00		MaxkeV=101	
UVSP	07:37				Wavelength=1375A	Qual=01		Rast=10"x10"	Pitch=-260", Yaw=+177"
-----									
Event # = 9648									
88/10/23, 09:18	Start	DOY=297	Peak	End times	SMM Pointing:	N21E10		Pitch=-266", Yaw=+163", Roll=0deg	H.Ang=19deg
GOES	09:10	09:18	09:31		Importance=C1	Qual=01			
HXRBS	09:15:50	09:15:54	09:16:01		Peak...c/s=64	Qual=01		MaxkeV=72	
UVSP	08:42				Wavelength=2788A	Code=00		Rast=243"x243"	Pitch=-257", Yaw=+175"

Event # = 9649		DOY=297		SMM Pointing:		N21E10		Pitch=-264", Yaw=+150", Roll=0deg		H.Ang=18deg	
88/10/23, 10:34	Start	10:34	Peak	10:39	End times	Qual=01					
GOES	10:30	10:34		10:39		Qual=01					
HXRBS	10:31:45	10:32:01	10:33:15								
UVSP	11:01										
				Importance=C2		Tot Cts=1238		MaxkeV=72		Pitch=-130", Yaw=+72"	
				Peak...c/s=137		Exp #=75912		Rast=180"x1"		Step=0"	
				Wavelength=2788A							
Event # = 9650		DOY=297		SMM Pointing:		N21E10		Pitch=-264", Yaw=+150", Roll=0deg		H.Ang=18deg	
88/10/23, 10:50	Start	10:50	Peak	10:54	End times	Qual=01					
GOES	10:46	10:50		10:54		Qual=01					
HXRBS	10:46:28	10:47:51	10:48:51								
UVSP	11:01										
				Importance=C2		Tot Cts=534		MaxkeV=72		Pitch=-130", Yaw=+72"	
				Peak...c/s=54		Exp #=75912		Rast=180"x1"		Step=0"	
				Wavelength=2788A							
Event # = 9651		DOY=297		SMM Pointing:		N21E10		Pitch=-264", Yaw=+150", Roll=0deg		H.Ang=18deg	
88/10/23, 11:08	Start	11:08	Peak	11:12	End times	Qual=03					
Optical	11:00	11:08		11:12		Qual=03					
GOES	11:02:36	11:04:29	11:05:49			Qual=01					
HXRBS	11:02:36	11:04:29	11:05:49			Code=00					
UVSP	11:01										
				Ha...Class=SF		Tot Cts=12182		MaxkeV=163		Pitch=-130", Yaw=+72"	
				Importance=C4		Exp #=75912		Rast=180"x1"		Step=0"	
				Peak...c/s=588							
				Wavelength=2788A							
				V/1							
				Type/Intensity:							
				Radio Sweeps							
				Frequency (MHz)/Flux(sfu):		410/1700					
Event # = 9652		DOY=297		SMM Pointing:		N21E09		Pitch=-264", Yaw=+136", Roll=0deg		H.Ang=18deg	
88/10/23, 11:40	Start	11:40	Peak	11:43	End times	Qual=01					
GOES	11:39	11:40		11:43		Qual=01					
HXRBS	11:39:54	11:40:11	11:40:37			Qual=5					
BCS	11:40	11:40	11:44								
FCS											
UVSP	11:33										
				Importance=C2		Tot Cts=1786		MaxkeV=163		dt= 7.7s	
				Peak...c/s=417		FePeak=11:40		FePeak.c/s=7		XEN=829704	
				CaPeak.c/s=22		Exp #=75913		Rast=0"x0"		Cad=1.02s	
				Wavelength=2788A				Rast=180"x1"		Pitch=-129", Yaw=+67"	
Event # = 9865		DOY=297		SMM Pointing:		N21E09		Pitch=-264", Yaw=+136", Roll=0deg		H.Ang=18deg	
88/10/23, 12:37	Start	12:37	Peak	12:41	End times	Qual=00					
GOES	12:18:52	12:20:28	12:22:51			Qual=01					
HXRBS	12:18:52	12:20:28	12:22:51			Qual=1					
BCS	11:48	12:37	12:41								
FCS											
UVSP	12:35										
				Peak...c/s=64		Tot Cts=1330		MaxkeV=72		dt= 7.7s	
				CaPeak.c/s=63		FePeak=12:37		FePeak.c/s=10		XEN=829703	
				Wavelength=2788A		Exp #=75914		Rast=0"x0"		Cad=1.02s	
								Rast=180"x1"		Pitch=-129", Yaw=+59"	
Event # = 21949		DOY=297		SMM Pointing:		Qual=00					
88/10/23, 13:15	Start	13:15	Peak	14:15	End times	Qual=5					
GOES	13:14	13:15	14:15			Qual=5					
BCS											
FCS											
UVSP	13:07										
				CaPeak.c/s=54		FePeak=13:18		FePeak.c/s=7		dt= 7.7s	
				Wavelength=2788A		Exp #=75915		Rast=0"x0"		Cad=1.02s	
								Rast=180"x1"		Pitch=-129", Yaw=+54"	
Event # = 9653		DOY=297		SMM Pointing:		N21E08		Pitch=-263", Yaw=+124", Roll=0deg		H.Ang=18deg	
88/10/23, 13:38	Start	13:38	Peak	13:40	End times	Qual=01					
GOES	13:36	13:38	13:40			Qual=01					
HXRBS	13:34:40	13:34:57	13:35:22								
UVSP	13:07										
				Importance=C3		Tot Cts=245		MaxkeV=72		Pitch=-129", Yaw=+54"	
				Peak...c/s=60		Exp #=75915		Rast=180"x1"		Step=0"	
				Wavelength=2788A							

Event # = 9654									
88/10/23, 14:03	DOY=297	SMM Pointing:	N21E08	Pitch=-263", Yaw=+124", Roll=0deg	H.Ang=18deg				
Start	Peak	End times							
G0ES 14:01	14:03	14:07	Qual=01						
HXRBS 14:02:11	14:02:55	14:03:34	Importance=C2						
UVSP 14:09			Peak...c/s=78						
			Wavelength=2788A	Step=0"	Pitch=-129", Yaw=+45"				
			Code=02						
			Tot Cts=500						
			Exp #=75916						
Event # = 9655									
88/10/23, 14:08	DOY=297	SMM Pointing:	N21E08	Pitch=-263", Yaw=+124", Roll=0deg	H.Ang=18deg				
Start	Peak	End times							
G0ES 14:08:26	14:08:39	14:08:54	Qual=00						
HXRBS 14:09			Qual=01						
UVSP 14:09			Peak...c/s=46						
			Wavelength=2788A	Step=0"	Pitch=-129", Yaw=+45"				
			Tot Cts=131						
			Exp #=75916						
Event # = 9656									
88/10/23, 14:10	DOY=297	SMM Pointing:	N21E08	Pitch=-263", Yaw=+124", Roll=0deg	H.Ang=18deg				
Start	Peak	End times							
G0ES 14:09:54	14:10:14	14:10:26	Qual=00						
HXRBS 14:09			Qual=01						
UVSP 14:09			Peak...c/s=62						
			Wavelength=2788A	Step=0"	Pitch=-129", Yaw=+45"				
			Tot Cts=373						
			Exp #=75916						
Event # = 9657									
88/10/23, 15:03	DOY=297	SMM Pointing:	N21E07	Pitch=-265", Yaw=+111", Roll=0deg	H.Ang=17deg				
Start	Peak	End times							
Optical 14:59	15:03	15:13	Ha...Class-SF	Mac.=FKI	Carr.Lon.=295deg	H.Ang=18deg			
G0ES 14:59:07	15:00:01	15:01:14	Importance=C2						
HXRBS 15:01	15:02	15:09	Peak...c/s=97						
BCS 15:01			CaPeak.c/s=77						
FCS 15:01			Qual=1						
UVSP 14:42			Wavelength=2788A						
			Exp #=75917						
Event # = 21950									
88/10/23, 15:27	DOY=297	SMM Pointing:	N21E04	Pitch=-265", Yaw=+98", Roll=0deg	H.Ang=17deg				
Start	Peak	End times							
Optical 15:20	15:27	15:29	Ha...Class-SF	Mac.=FKI	Carr.Lon.=298deg	H.Ang=16deg			
G0ES 15:26	15:26	15:29	Importance=C2						
BCS 15:26			CaPeak.c/s=42						
FCS 15:26			Qual=1						
UVSP 15:42			Wavelength=2788A						
			Exp #=75918						
Event # = 9658									
88/10/23, 16:39	DOY=297	SMM Pointing:	N21E06	Pitch=-265", Yaw=+98", Roll=0deg	H.Ang=17deg				
Start	Peak	End times							
Optical 16:20	16:39	17:11	Ha...Class-SF	Mac.=FKI	Carr.Lon.=295deg	H.Ang=17deg			
G0ES 16:28:07	16:30:38	16:32:23	Importance=C2						
HXRBS 16:29	16:40	17:23	Peak...c/s=50						
BCS 16:29			CaPeak.c/s=56						
FCS 16:29			Qual=1						
UVSP 16:15			Wavelength=2788A						
			Exp #=75919						
Event # = 9659									
88/10/23, 17:04	DOY=297	SMM Pointing:	N21E06	Pitch=-265", Yaw=+98", Roll=0deg	H.Ang=17deg				
Start	Peak	End times							
G0ES 17:03:43	17:04:00	17:04:10	Qual=00						
HXRBS 17:17			Qual=01						
UVSP 17:17			Peak...c/s=74						
			Wavelength=2788A	Step=0"	Pitch=-130", Yaw=+20"				
			Tot Cts=264						
			Exp #=75920						

Event # = 21952									
88/10/23, 19:41	DOY=297	Peak	End times						
Optical	19:41	19:39	20:00	Ha...Class=SF	N22E04	AR5200	Mac.=FKI	Carr.Lon.=295deg	H.Ang=17deg
GOES	19:28	19:39	19:42	Importance=C1	Qual=04	FePeak=19:39	FePeak.c/s=7	#Peaks=1	XEN=829709
BCS	19:39	19:39	19:42	CaPeak.c/s=21	Qual=4	Exp #=75923	Rast=0"x0"	Step=0"	Cad=1.02s
FCS	19:22			WaveLength=2788A	Code=01	Event # = 21951	Rast=180"x1"	Pitch=-130"	Yaw=+2"
UVSP	19:31	19:31	19:36	CaPeak.c/s=19	Qual=4	FePeak=19:31	FePeak.c/s=7	#Peaks=1	XEN=829710
BCS	19:31	19:31	19:36	Associated			Rast=0"x0"	Step=0"	Cad=1.02s
FCS									
Event # = 9660									
88/10/23, 20:11	DOY=297	Peak	End times	SMM Pointing:	N21E05		Pitch=-264"	Yaw=+71"	H.Ang=16deg
GOES	20:00	20:11	20:23	Importance=C1	Qual=03				
HXRBS	20:09:56	20:10:25	20:11:00	Peak...c/s=97	Qual=01	Tot Cts=1227	MaxkeV=72	Step=0"	Pitch=-130"
UVSP	19:22			WaveLength=2788A		Exp #=75923	Rast=180"x1"	Step=0"	Yaw=+2"
Event # = 9661									
88/10/23, 23:31	DOY=297	Peak	End times	SMM Pointing:	N21E03		Pitch=-264"	Yaw=+44"	H.Ang=16deg
Optical	23:31	23:31	23:31	Ha...Class=SF	N17W06	AR5200	Mac.=FKI	Carr.Lon.=303deg	H.Ang=13deg
GOES	23:29:57	23:31:07	23:31:51	Peak...c/s=54	Qual=01	Tot Cts=494	MaxkeV=72	Step=0"	Pitch=-240"
HXRBS	23:25			WaveLength=1375A		Exp #=75945	Rast=10"x10"	Step=0"	Yaw=-77"
UVSP									
Event # = 9662									
88/10/24, 00:51	DOY=298	Peak	End times	SMM Pointing:	N21E02		Pitch=-264"	Yaw=+31"	H.Ang=16deg
Optical	00:51	00:51	01:00	Ha...Class=SF	N19W06	AR5200	Mac.=FKI	Carr.Lon.=303deg	H.Ang=15deg
GOES	00:42	00:51	01:00	Importance=C4	Qual=01	Tot Cts=6255	MaxkeV=163	Step=0"	Pitch=-245"
HXRBS	00:46:56	00:47:06	00:47:56	Peak...c/s=326	Qual=01	Exp #=75953	Rast=10"x10"	Step=0"	Yaw=-89"
UVSP	00:47			WaveLength=1375A	Code=00				
Radio				III/3 V/2					
Radio				Type/Intensity:					
				Frequency(MHz)/Flux(sfu):					
HXRBS	00:49:27	00:50:01	00:50:49	Peak...c/s=427	Qual=01	Tot Cts=4533	MaxkeV=132		
Event # = 21953									
88/10/24, 01:43	DOY=298	Peak	End times	SMM Pointing:	N21E01		Pitch=-264"	Yaw=+31"	H.Ang=16deg
Optical	01:43	01:43	02:10	Ha...Class=SF	N21E01	AR5200	Mac.=FKI	Carr.Lon.=295deg	H.Ang=16deg
GOES	01:40	01:43	02:10	Importance=C2	Qual=01	FePeak=01:46	FePeak.c/s=7	#Peaks=1	XEN=829800
BCS	01:46	01:46	01:52	CaPeak.c/s=30	Qual=5	Exp #=75957	Rast=0"x0"	Step=0"	Cad=1.02s
FCS				WaveLength=1375A	Code=02		Rast=265"x265"	Pitch=-257"	Yaw=+30"
UVSP	01:50								

Event # = 9664	DOY=298	SMM Pointing:	N21W04	Pitch=-264", Yaw=-62", Roll=0deg	H.Ang=16deg
88/10/24, 11:14	Peak	End times			
G0ES 11:08	11:14	11:18	Qual=04		
HXRBS 11:11:26	11:12:27	11:13:17	Peak...c/s=89		
BCS 11:12	11:14	11:16	CaPeak.c/s=46		
FCS					
UVSP 11:00			Wavelength=2788A		
Radio Sweeps	Type/Intensity:		III/1		
Event # = 9665	DOY=298	SMM Pointing:	N21W04	Pitch=-264", Yaw=-62", Roll=0deg	H.Ang=16deg
88/10/24, 12:01	Peak	End times			
Optical					
G0ES 11:56	12:01	12:08	Ha...Class=SF		
HXRBS 11:57:05	11:57:54	11:58:31	Importance=C1		
UVSP 12:03			Peak...c/s=210		
Radio	Frequency(MHz)/Flux(sfu):		Wavelength=2788A		
			4995/51 8800/210 15400/160		
Event # = 9666	DOY=298	SMM Pointing:	N21W06	Pitch=-266", Yaw=-102", Roll=0deg	H.Ang=17deg
88/10/24, 16:06	Peak	End times			
Optical					
G0ES 16:00	16:06	16:15	Ha...Class=SB		
HXRBS 16:02:21	16:03:13	16:04:54	Importance=C5		
BCS 16:03	16:05	16:41	Peak...c/s=831		
FCS			CaPeak.c/s=123		
UVSP 15:42			Wavelength=2788A		
Radio Sweeps	Type/Intensity:		III/3		
Radio	Frequency(MHz)/Flux(sfu):		245/400 410/120 606/260 1415/230 2695/110 4995/68 8800/64		
Event # = 21954	DOY=298	Importance=C2	Qual=05		
88/10/24, 20:22	Peak	End times			
G0ES 19:56	20:22	20:53	CaPeak.c/s=20		
BCS 20:32	20:32	20:53			
FCS					
UVSP 20:36			Wavelength=1375A		
Event # = 9714	DOY=298	SMM Pointing:	N21W09	Pitch=-266", Yaw=-147", Roll=0deg	H.Ang=18deg
88/10/24, 22:05	Peak	End times			
HXRBS 22:05:20	22:05:24	22:05:47	Peak...c/s=214		
UVSP 22:09			Wavelength=1375A		
Event # = 9667	DOY=298	SMM Pointing:	N21W09	Pitch=-266", Yaw=-147", Roll=0deg	H.Ang=18deg
88/10/24, 22:10	Peak	End times			
G0ES 21:10	22:10	22:43	Importance=C5		
HXRBS 21:15:16	21:15:43	21:17:04	Peak...c/s=301		
BCS 21:05	21:20	21:21	CaPeak.c/s=58		
FCS					
UVSP 22:09			Wavelength=1375A		
			Associated		
BCS 22:05	22:06	22:57	CaPeak.c/s=143		
FCS					

88/10/25 DOY=299									
Event # = 9668									
88/10/25, 03:45	DOY=299								
Start	Peak	SMM Pointing:	N21W12					Pitch=-267", Yaw=-195", Roll=0deg	H.Ang=20deg
GOES 03:42	03:45	End times							
03:42	03:45	Importance=C2	Qual=01						
HXRBS 03:42:58	03:43:04	Peak...c/s=93	Qual=01						
UVSP 03:35	03:43:38	Wavelength=1375A	Code=00						
Radio Sweeps	Type/Intensity:								
Radio Frequency(MHz)/Flux(sfu):	245/170								
Event # = 9669									
88/10/25, 04:29	DOY=299								
Start	Peak	SMM Pointing:	N21W13					Pitch=-268", Yaw=-208", Roll=0deg	H.Ang=21deg
GOES 04:27	04:29	End times							
04:27	04:29	Importance=C2	Qual=01						
HXRBS 04:27:17	04:28:03	Peak...c/s=336	Qual=01						
UVSP 04:28	04:28:25	Wavelength=1375A	Code=00						
Radio Sweeps	Type/Intensity:								
Radio Frequency(MHz)/Flux(sfu):	245/430 410/140								
Event # = 9670									
88/10/25, 06:12	DOY=299								
Start	Peak	SMM Pointing:	N21W14					Pitch=-268", Yaw=-219", Roll=0deg	H.Ang=21deg
GOES 06:12:42	06:12:48	End times							
06:12	06:13	Importance=C2	Qual=00						
HXRBS 06:12:42	06:12:48	Peak...c/s=54	Qual=01						
UVSP 06:03	06:13:04	Wavelength=1375A	Code=00						
Radio Sweeps	Type/Intensity:								
Radio Frequency(MHz)/Flux(sfu):	245/430 410/140								
Event # = 9671									
88/10/25, 11:11	DOY=299								
Start	Peak	SMM Pointing:	N21W17					Pitch=-269", Yaw=-260", Roll=0deg	H.Ang=23deg
GOES 11:07	11:11	End times							
11:07	11:11	Importance=C1	Qual=01						
HXRBS 11:08:50	11:09:01	Peak...c/s=113	Qual=01						
UVSP 11:31	11:09:20	Wavelength=2788A	Code=00						
Radio Sweeps	Type/Intensity:								
Radio Frequency(MHz)/Flux(sfu):	245/220								
Event # = 9672									
88/10/25, 12:35	DOY=299								
Start	Peak	SMM Pointing:	N21W18					Pitch=-269", Yaw=-273", Roll=0deg	H.Ang=23deg
GOES 12:35:07	12:35:13	End times							
12:35	12:35	Importance=C2	Qual=00						
HXRBS 12:35:07	12:35:13	Peak...c/s=62	Qual=01						
UVSP 13:05	12:35:28	Wavelength=2788A	Code=00						
Radio Sweeps	Type/Intensity:								
Radio Frequency(MHz)/Flux(sfu):	245/220								
Event # = 9673									
88/10/25, 16:59	DOY=299								
Start	Peak	SMM Pointing:	N21W20					Pitch=-272", Yaw=-310", Roll=0deg	H.Ang=25deg
GOES 16:56	16:59	End times							
16:56	16:59	Importance=89	Qual=01						
HXRBS 16:57:51	16:58:19	Peak...c/s=59	Qual=01						
UVSP 16:57	16:58:58	Wavelength=1375A	Code=00						
Radio Sweeps	Type/Intensity:								
Radio Frequency(MHz)/Flux(sfu):	245/280 410/190								



Event # = 9674									
88/10/25, 17:54	DOY=299	SMM Pointing:		N21W20	Pitch=-272", Yaw=-310", Roll=0deg		H. Ang=25deg		
Start	Peak	Importance=C1		Qual=03					
GOES 17:49	17:54	Peak...c/s=56		Qual=01					
HXRBS 17:48:47	17:49:03	WaveLength=1375A		Code=00	Tot Cts=262		MaxkeV=72		
UVSP 17:52	17:49:30	III/2 V/2			Exp #=76127		Rast=10"x10" Step=0" Pitch=-368", Yaw=-367"		
Radio Sweeps	Type/Intensity:								
Radio Frequency (MHz)/Flux(sfu):	245/150								
----- Associated Event # = 9675 -----									
HXRBS 17:50:36	17:50:54	Peak...c/s=53		Qual=01	MaxkeV=72		Pitch=-308", Yaw=-325"		
UVSP 17:39	17:51:23	WaveLength=1375A			Exp #=76124				
-----									
Event # = 9676									
88/10/25, 18:53	DOY=299	SMM Pointing:		N21W21	Pitch=-272", Yaw=-323", Roll=0deg		H. Ang=26deg		
Start	Peak	Importance=C1		Qual=01					
GOES 18:51	18:53	Peak...c/s=58		Qual=01					
HXRBS 18:52:14	18:52:25	WaveLength=1375A		Code=00	Tot Cts=304		MaxkeV=72		
UVSP 18:48	18:52:44				Exp #=76132		Rast=10"x10" Step=0" Pitch=-233", Yaw=-349"		
-----									
Event # = 9677									
88/10/25, 19:13	DOY=299	SMM Pointing:		N21W21	Pitch=-272", Yaw=-323", Roll=0deg		H. Ang=26deg		
Start	Peak	Ha...Class=SF		N21W17	Mac.=FKI		Carr. Lon.=290deg		
Optical	19:09	Importance=C1		Qual=03	H. Ang=23deg				
GOES 19:11:01	19:11:30	Peak...c/s=231		Qual=11	Tot Cts=3341		Flags=IS		
HXRBS 19:11:01	19:11:49	WaveLength=1375A		Code=00	Exp #=76135		Pitch=-233", Yaw=-346"		
UVSP 19:01	19:11:49	245/5800 410/540							
-----									
Event # = 21955									
88/10/25, 23:37	DOY=299	SMM Pointing:		N21W21	Pitch=-272", Yaw=-323", Roll=0deg		H. Ang=26deg		
Start	Peak	Importance=C1		Qual=01					
GOES 23:32	23:37	CaPeak.c/s=31		Qual=4					
BCS 23:35	23:36	WaveLength=1375A		Code=00	FePeak.c/s=11		#Peaks=1		
FCS 23:29	23:36				Rast=10"x10"		dt= 7.7s XEN=829900		
UVSP 23:29	23:36				Exp #=76165		Cad=1.02s 1.024s/pixel		
-----									
Event # = 9678									
88/10/28, 01:24	DOY=302	SMM Pointing:		S19E85	Pitch=+313", Yaw=+914", Roll=0deg		H. Ang=87deg		
Start	Peak	Importance=C5		Qual=01					
GOES 01:20	01:24	Peak...c/s=717		Qual=01	Tot Cts=19918		Flags=M5		
HXRBS 01:20:05	01:22:11	CaPeak.c/s=216		Qual=1	FePeak=01:23		#Peaks=2		
BCS 01:20	01:23	WaveLength=1375A		Code=00	Exp #=76358		dt= 3.8s XEN=830200		
FCS 01:18	01:23	8800/48 15400/22			Rast=240"x240"		Cad= 590s 1.024s/pixel		
UVSP 01:18	01:23				Exp #=76358		Pitch=+242", Yaw=+935"		
Radio Frequency (MHz)/Flux(sfu):	8800/48 15400/22								
-----									
Event # = 9679									
88/10/28, 01:40	DOY=302	SMM Pointing:		S19E85	Pitch=+313", Yaw=+914", Roll=0deg		H. Ang=87deg		
Start	Peak	Importance=C3		Qual=01					
GOES 01:33	01:40	Peak...c/s=72		Qual=01	Tot Cts=614		MaxkeV=72		
HXRBS 01:36:07	01:36:48	WaveLength=1375A		Code=00	Exp #=76361		Rast=10"x10" Step=0" Pitch=+242", Yaw=+935"		
UVSP 01:32	01:37:10								

[illegible]

Event # = 9685	Pitch=+249", Yaw=+955", Roll=0deg									
88/10/29, 02:49	DOY=303	Start	End times	SMM Pointing:						
Optical	Peak			Ha...Class=SF	S14E72	AR5212	Mac.=CH0	Carr. Lon.=158deg	H. Ang=74deg	
GOES 02:44	02:49	02:55		Importance=C7	Qual=01		MaxkeV=163			
HXRBS 02:47:12	02:47:20	02:49:36		Peak...c/s=708	Qual=01	Tot Cts=7385	Rast=180"x1"	Step=0"	Pitch=+128", Yaw=+884"	
UVSP 03:09				Wavelength=2788A		Exp #=76417				
Radio	Frequency(MHz)/Flux(sfu): 410/700									
---	Associated Event # = 9684									
HXRBS 02:44:02	02:44:24	02:45:19		Peak...c/s=200	Qual=01	Tot Cts=3168	MaxkeV=163			
Event # = 9686	Pitch=+249", Yaw=+955", Roll=0deg									
88/10/29, 04:18	DOY=303	Start	End times	SMM Pointing:						
Optical	Peak			Importance=C8	Qual=01		MaxkeV=72			
GOES 04:07	04:18	04:42		Peak...c/s=71	Qual=01	Tot Cts=6256	Rast=180"x1"	Step=0"	Pitch=+128", Yaw=+884"	
HXRBS 04:07:55	04:09:55	04:18:55		Wavelength=2788A		Exp #=76419				
UVSP 04:43										
Event # = 9687										
88/10/29, 10:08	DOY=303	Start	End times							
Optical	Peak			Importance=C2	Qual=01		MaxkeV=72			
GOES 10:03	10:08	10:40		Peak...c/s=64	Qual=01	Tot Cts=539	FePeak.c/s=13	#Peaks=1	dt= 7.7s	XEN=830300
HXRBS 10:04:55	10:05:27	10:05:45		CaPeak.c/s=42	Qual= 1	FePeak=10:07	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
BCS 10:06	10:07	10:17		Wavelength=2788A	Code=01	Exp #=76426	Rast=180"x1"	Step=0"	Pitch=+128", Yaw=+884"	
FCS										
UVSP 09:54										
Event # = 21958										
88/10/29, 13:04	DOY=303	Start	End times							
Optical	Peak			Ha...Class=SF	S15E61	AR5212	Mac.=CH0	Carr. Lon.=163deg	H. Ang=64deg	
GOES 13:00	13:04	13:19		Importance=C4	Qual=05		FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=830301
BCS 13:12	13:12	13:18		CaPeak.c/s=28	Qual= 5	FePeak=13:13	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
FCS				Wavelength=2788A	Code=00	Exp #=76430	Rast=180"x1"	Step=0"	Pitch=+156", Yaw=+796"	
UVSP 13:02										
Event # = 21959										
88/10/29, 14:42	DOY=303	Start	End times							
Optical	Peak			Importance=M1	Qual=05		FePeak.c/s=10	#Peaks=1	dt= 3.8s	XEN=830302
GOES 14:39	14:42	15:11		CaPeak.c/s=43	Qual= 5	FePeak=14:50	Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel
BCS 14:46	14:50	15:15		Wavelength=1375A	Code=02	Exp #=76432	Rast=265"x265"	Step=5"	Pitch=+285", Yaw=+873"	
FCS										
UVSP 14:50										
Event # = 9695										
88/10/29, 16:42	DOY=303	Start	End times							
Optical	Peak			Ha...Class=SF	S18E56	AR5212	Mac.=CK0	Carr. Lon.=166deg	H. Ang=60deg	
GOES 16:38	16:42	16:49		Importance=C3	Qual=01		MaxkeV=72	Flags=DG		
HXRBS 16:38:26	16:39:36	16:41:14		Peak...c/s=76	Qual=11	Tot Cts=1967	Rast=265"x265"	Step=5"	Pitch=+286", Yaw=+866"	
UVSP 16:39				Wavelength=1375A	Code=00	Exp #=76442				



Event # = 9693									
88/10/30, 06:26	Start	DOY=304	End times	SMM Pointing:	S15E59	Pitch=+287", Yaw=+803", Roll=0deg	H.Ang=62deg		
GOES		Peak			Qual=00				
HXRBS	06:26:37	06:26:46	06:26:51	Peak...c/s=69	Qual=01	MaxkeV=72			
UVSP	06:15			Wavelength=2788A		Rast=180"x1"	Step=0"	Pitch=+167", Yaw=+727"	
Event # = 9694									
88/10/30, 07:03	Start	DOY=304	End times	SMM Pointing:	S15E59	Pitch=+287", Yaw=+803", Roll=0deg	H.Ang=62deg		
Optical		Peak				Mac.=FAI	Carr. Lon.=290deg	H.Ang=75deg	
GOES	07:00	07:03	07:13	Ha...Class=SF	N22W76				
HXRBS	07:01:05	07:01:29	07:02:49	Importance=C2	Qual=01	MaxkeV=163			
UVSP	07:18			Peak...c/s=498	Qual=01	Rast=180"x1"	Step=0"	Pitch=+168", Yaw=+722"	
Event # = 9696									
88/10/30, 12:03	Start	DOY=304	End times	SMM Pointing:	S15E56	Pitch=+291", Yaw=+771", Roll=0deg	H.Ang=58deg		
GOES	12:00	12:03	12:08	Importance=C1	Qual=03				
HXRBS	12:00:53	12:01:07	12:01:48	Peak...c/s=83	Qual=01	MaxkeV=72			
UVSP	12:00			Wavelength=2788A	Code=00	Rast=180"x1"	Step=0"	Pitch=+171", Yaw=+699"	
Event # = 21962									
88/10/30, 14:10	Start	DOY=304	End times						
GOES	14:00	14:10	14:30	Importance=C2	Qual=04	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=830400
BGS	14:14	14:14	14:21	CaPeak.c/s=26	Qual= 5	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
FCS						Rast=180"x1"	Step=0"	Pitch=+171", Yaw=+689"	
UVSP	14:04			Wavelength=2788A	Code=00	Exp # = 76487			
Event # = 21694									
88/10/30, 16:19	Start	DOY=304	End times						
GOES	15:53	16:19	16:46	CaPeak.c/s=102	Qual= 2	FePeak=16:07	#Peaks=1	dt= 7.7s	XEN=830401
BGS						Exp # = 76490	Step=15"	Cad= 262s	1.024s/pixel
FCS				Wavelength=2788A			Step=0"	Pitch=+172", Yaw=+675"	
UVSP	16:40								
88/10/31 DOY=305									
Event # = 9697									
88/10/31, 02:08	Start	DOY=305	End times	SMM Pointing:	S15E48	Pitch=+297", Yaw=+695", Roll=0deg	H.Ang=51deg		
GOES	02:00	02:08	02:23	Importance=C1	Qual=03				
HXRBS	02:04:46	02:04:52	02:05:21	Peak...c/s=62	Qual=01	MaxkeV=72			
UVSP	02:04			Wavelength=2788A	Code=00	Rast=180"x1"	Step=0"	Pitch=+177", Yaw=+621"	
Event # = 21964									
88/10/31, 04:40	Start	DOY=305	End times						
GOES	04:30	04:40	04:47	Importance=C1	Qual=01	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=830500
BGS	04:41	04:41	04:46	CaPeak.c/s=21	Qual= 4	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
FCS				Wavelength=2788A		Rast=180"x1"	Step=0"	Pitch=+178", Yaw=+608"	
UVSP	04:08					Exp # = 76519			



Event # = 9703									
88/11/02,10:01	DOY=307	Start	End times	SMM Pointing:	SI5E17		Pitch=+316",Yaw=+273",Roll=0deg	H.Ang=26deg	
Optical									
GOES 09:55	10:01	10:05		Ha...Class=SF	SI6E18		Mac.=EHI	Carr.Lon.=155deg	H.Ang=27deg
GOES 09:55:59	09:56:26	10:01:02		Importance=C5	Qual=03				
UXRS 10:20	10:20	10:20		Peak...c/s=233	Qual=01				
Radio Sweeps				Wavelength=2788A					
Radio Frequency(MHz)/Flux(sfu):				III/3					
				245/86 606/180					
Event # = 9708									
88/11/02,11:57	DOY=307	Start	End times	SMM Pointing:	SI5E16		Pitch=+316",Yaw=+263",Roll=0deg	H.Ang=25deg	
GOES 11:49	11:57	12:08		Importance=C2	Qual=03				
UXRS 11:52:17	11:53:27	11:55:57		Peak...c/s=304	Qual=01				
UXSP 11:52				Wave length=2788A	Code=00				
							Step=0"	Pitch=+195",Yaw=+186"	
Event # = 9709									
88/11/02,12:50	DOY=307	Start	End times	SMM Pointing:	SI5E15		Pitch=+317",Yaw=+250",Roll=0deg	H.Ang=25deg	
GOES 12:49:38	12:50:09	12:50:37		Peak...c/s=75	Qual=00				
UXRS 12:28				Wave length=2788A	Qual=01				
							MaxkeV=72	Step=0"	Pitch=+196",Yaw=+181"
							Rast=180"x1"		
Event # = 9710									
88/11/02,14:16	DOY=307	Start	End times	SMM Pointing:	SI5E15		Pitch=+315",Yaw=+237",Roll=0deg	H.Ang=24deg	
GOES 14:09	14:16	14:22		Importance=C1	Qual=01				
UXRS 14:10:13	14:10:39	14:12:06		Peak...c/s=129	Qual=01				
UXSP 14:03				Wave length=2788A	Code=01				
							MaxkeV=101	Step=0"	Pitch=+194",Yaw=+168"
							Rast=180"x1"		
Event # = 21968									
88/11/02,17:22	DOY=307	Start	End times	SMM Pointing:	SI5E15		Pitch=+316",Yaw=+210",Roll=0deg	H.Ang=23deg	
Optical									
GOES 17:18	17:22	17:29		Ha...Class=SF	SI9E15		Mac.=EHI	Carr.Lon.=154deg	H.Ang=27deg
BCS 17:21	17:22	17:24		Importance=C1	Qual=01				
FCS 17:19				CaPeak.c/s=32	Qual=1				
Radio Frequency(MHz)/Flux(sfu):				Wave length=1375A	Code=00				
				410/63					
Event # = 9711									
88/11/02,17:42	DOY=307	Start	End times	SMM Pointing:	SI5E13		Pitch=+316",Yaw=+210",Roll=0deg	H.Ang=23deg	
GOES 17:37	17:42	17:54		Importance=B7	Qual=01				
UXRS 17:42:35	17:42:46	17:43:04		Peak...c/s=80	Qual=01				
UXSP 17:37				Wave length=1375A	Code=00				
							MaxkeV=72	Step=0"	Pitch=+385",Yaw=+213"
							Rast=10"x10"		
Event # = 21969									
88/11/02,18:51	DOY=307	Start	End times	SMM Pointing:	SI8E11		Mac.=EHI	Carr.Lon.=157deg	H.Ang=25deg
Optical									
GOES 18:49	18:51	19:07		Ha...Class=SF	SI8E11				
BCS 18:52	18:52	18:54		Importance=C2	Qual=01				
FCS 18:54				CaPeak.c/s=33	Qual=5				
Radio Frequency(MHz)/Flux(sfu):				Wave length=1375A	Code=02				
							FePeak.c/s=8	Step=0"	Pitch=+323",Yaw=+209"
							Rast=265"x265"		





Event # = 21975									
88/11/03, 13:36	Start	End times	DOY=308	Peak					
Optical									
GOES	13:31	14:00			S19E06	AR5212	Mac.=EHO	Carr. Lon.=152deg	H. Ang=24deg
BCS	13:38	13:48			Qual=05				
FCS					Qual=5	FePeak=13:38	FePeak.c/s=11	#Peaks=1 dt= 3.8s	XEN=830804
							Rast=240"x240"	Step=10" Cad= 590s	1.024s/pixel
Event # = 9715									
88/11/03, 23:42	Start	End times	DOY=308	Peak					
GOES	23:39	23:49			SMM Pointing:				
HXRBS	23:40:54	23:41:17			Importance=B6		Pitch=+0", Yaw=+0", Roll=0deg		H. Ang=0deg
					Peak...c/s=63	Tot Cts=151	MaxkeV=72		
88/11/04 DOY=309									
Event # = 9716									
88/11/04, 05:31	Start	End times	DOY=309	Peak					
Optical					SMM Pointing:		Pitch=+7", Yaw=-1", Roll=0deg		H. Ang=0deg
GOES	05:25	05:31			Ha...Class=SF	AR5218	Mac.=EHI	Carr. Lon.=109deg	H. Ang=40deg
HXRBS	05:26:22	05:29:47			Importance=C2				
Radio	Frequency(MHz)/Flux(sfu):	245/290 410/73 606/43 2695/37			Peak...c/s=248	Tot Cts=15200	MaxkeV=163		
Event # = 9717									
88/11/04, 08:35	Start	End times	DOY=309	Peak					
GOES	08:31	08:47			SMM Pointing:		Pitch=+3", Yaw=+1", Roll=0deg		H. Ang=0deg
HXRBS	08:32:23	08:32:31			Importance=C1				
					Peak...c/s=63	Tot Cts=288	MaxkeV=72		
Event # = 9718									
88/11/04, 11:34	Start	End times	DOY=309	Peak					
GOES	11:33:53	11:34:39			SMM Pointing:		Pitch=+314", Yaw=-167", Roll=0deg		H. Ang=22deg
HXRBS	11:33:53	11:34:39			Peak...c/s=79		MaxkeV=101		
UVSP	11:23				Wave length=2788A	Tot Cts=837	Rast=180"x1"	Step=0" Pitch=+193", Yaw=-235"	
Event # = 9719									
88/11/04, 12:12	Start	End times	DOY=309	Peak					
Optical					SMM Pointing:		Pitch=+314", Yaw=-167", Roll=0deg		H. Ang=22deg
GOES	12:02	12:15			Ha...Class=SF	AR5212	Mac.=EKC	Carr. Lon.=154deg	H. Ang=25deg
HXRBS	12:05:32	12:06:09			Importance=C1				
UVSP	12:22				Peak...c/s=55	Tot Cts=198	MaxkeV=72		
					Wave length=2788A	Exp #=76748	Rast=180"x1"	Step=0" Pitch=+193", Yaw=-244"	
Event # = 21976									
88/11/04, 12:21	Start	End times	DOY=309	Peak					
Optical					SMM Pointing:				
GOES	12:15	12:32			Ha...Class=SF	AR5212	Mac.=EKC	Carr. Lon.=154deg	H. Ang=25deg
BCS	12:09	12:27			Importance=C1				
FCS					CaPeak.c/s=48	FePeak=12:20	FePeak.c/s=18	#Peaks=2 dt= 3.8s	XEN=830900
UVSP	12:22				Wave length=2788A	Code=02	Rast=180"x1"	Step=0" Pitch=+193", Yaw=-244"	1.024s/pixel

Event # = 21977									
88/11/04, 14:40	DOY=309	Peak	End times						
GOES 14:39	14:40		14:43	Importance=B8	Qual=04	FePeak=14:40			
BCS 14:40	14:40		14:44	CaPeak.c/s=22	Qual=4		FePeak.c/s=12	#Peaks=1	dt= 7.7s XEN=830901
FCS							Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
UVSP 14:31				Wavelength=2788A	Code=00	Exp #=76751	Rast=180"x1"	Step=0"	Pitch=+192", Yaw=-8"
Event # = 21978									
88/11/04, 22:34	DOY=309	Peak	End times						
GOES 22:29	22:34		22:43	CaPeak.c/s=26	Qual=00	FePeak=22:29			
BCS					Qual=1		FePeak.c/s=8	#Peaks=1	dt= 7.7s XEN=830902
FCS							Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
UVSP 22:33				Wavelength=1375A		Exp #=76793	Rast=10"x10"	Step=0"	Pitch=+371", Yaw=-232"
Event # = 9720									
88/11/04, 22:53	DOY=309	Peak	End times	SMM Pointing:	S15W16		Pitch=+312", Yaw=-263", Roll=0deg		H.Ang=25deg
Optical									
GOES				Ha...Class=SF	S18W15	AR5212	Mac.=EKC	Carr.Lon.=154deg	H.Ang=26deg
HXRBS	22:53:45	22:53:50	22:54:03	Peak...c/s=105	Qual=01	Tot Cts=259	MaxkeV=72		
UVSP 22:46				Wavelength=1375A		Exp #=76796	Rast=10"x10"	Step=0"	Pitch=+371", Yaw=-234"
88/11/05 DOY=310									
88/11/05, 01:43	DOY=310	Peak	End times	SMM Pointing:	S15W18		Pitch=+311", Yaw=-289", Roll=0deg		H.Ang=26deg
GOES									
HXRBS	01:43:05	01:43:07	01:43:13	Peak...c/s=63	Qual=01	Tot Cts=68	MaxkeV=72		
UVSP 01:26				Wavelength=2788A		Exp #=76804	Rast=180"x1"	Step=0"	Pitch=+191", Yaw=+185"
Event # = 9722									
88/11/05, 05:31	DOY=310	Peak	End times	SMM Pointing:	S15W20		Pitch=+311", Yaw=-316", Roll=0deg		H.Ang=27deg
Optical									
GOES	05:25	05:31	05:35	Ha...Class=SF	N13E33	AR5218	Mac.=EKI	Carr.Lon.=103deg	H.Ang=34deg
HXRBS	05:27:37	05:28:48	05:29:22	Importance=C2	Qual=01	Tot Cts=2371	MaxkeV=101		
UVSP 05:33				Peak...c/s=166	Qual=01	Exp #=76809	Rast=180"x1"	Step=0"	Pitch=+189", Yaw=-138"
Radio				Wavelength=2788A	Code=02				
				606/71					
Event # = 9723									
88/11/05, 22:13	DOY=310	Peak	End times	SMM Pointing:	S15W29		Pitch=+305", Yaw=-456", Roll=0deg		H.Ang=34deg
GOES									
HXRBS	22:13:50	22:13:53	22:14:00	Peak...c/s=135	Qual=01	Tot Cts=227	MaxkeV=163		
UVSP 22:13				Wavelength=1375A		Exp #=76857	Rast=10"x10"	Step=0"	Pitch=+424", Yaw=-403"
88/11/06 DOY=311									
88/11/06, 00:16	DOY=311	Peak	End times	SMM Pointing:	S15W30		Pitch=+304", Yaw=-468", Roll=0deg		H.Ang=35deg
GOES	00:13	00:16	00:25	Importance=B6	Qual=03	Tot Cts=330	MaxkeV=72		
HXRBS	00:13:29	00:14:00	00:14:20	Peak...c/s=63	Qual=01	Exp #=76876	Rast=10"x10"	Step=0"	Pitch=+423", Yaw=-418"
UVSP 00:14				Wavelength=1375A	Code=00				

Event # = 21979									
88/11/06,03:09	DOY=311	Peak	End times						
GOES 02:45	03:09	03:11	03:25	Importance=C1	Qual=01				
BCS 03:05	03:11		03:12	CaPeak.c/s=1118	Qual=1	FePeak=03:11			
FCS				Wave length=2788A		Exp #=76879			
UVSP 02:28									
Event # = 9725									
88/11/06,04:19	DOY=311	Peak	End times	SMM Pointing:	S15W33				
GOES 04:19:37	04:19:57	04:20:16	04:20:16	Peak...c/s=72	Qual=00				
HXRBS 04:01				Wave length=2788A	Qual=01	Tot Cts=367			
UVSP						Exp #=76881			
Event # = 9726									
88/11/06,08:07	DOY=311	Peak	End times	SMM Pointing:	S15W34				
GOES 08:06:32	08:07:02	08:07:17	08:07:17	Peak...c/s=94	Qual=00				
HXRBS 08:07				Wave length=2788A	Qual=01	Tot Cts=679			
UVSP						Exp #=76886			
Event # = 21980									
88/11/06,08:58	DOY=311	Peak	End times						
Optical 08:55	08:58	09:01	09:01	Ha...Class=SF	S22W32				
GOES 08:56	08:57	09:00	09:00	Importance=C1	Qual=01				
BCS				CaPeak.c/s=35	Qual=1	FePeak=08:56			
FCS				Wave length=2788A	Code=01	Exp #=76887			
UVSP 08:43									
Event # = 9727									
88/11/06,09:47	DOY=311	Peak	End times	SMM Pointing:	S15W35				
GOES 09:43	09:47	09:50	09:50	Importance=C1	Qual=03				
HXRBS 09:45:50	09:46:06	09:46:22	09:46:22	Peak...c/s=132	Qual=01	Tot Cts=1087			
UVSP 09:41				Wave length=2788A	Code=00	Exp #=76888			
Event # = 9728									
88/11/06,10:33	DOY=311	Peak	End times	SMM Pointing:	S15W36				
GOES 10:23	10:33	10:42	10:42	Importance=C3	Qual=01				
HXRBS 10:29:26	10:30:12	10:31:32	10:31:32	Peak...c/s=56	Qual=01	Tot Cts=716			
UVSP 10:16				Wave length=2788A	Code=01	Exp #=76889			
Event # = 9729									
88/11/06,10:49	DOY=311	Peak	End times	SMM Pointing:	S15W36				
GOES 10:43	10:49	10:56	10:56	Importance=C4	Qual=01				
HXRBS 10:43:03	10:44:09	10:48:02	10:48:02	Peak...c/s=187	Qual=01	Tot Cts=6694			
BCS 10:29	10:48	11:21	11:21	CaPeak.c/s=174	Qual=1	FePeak=10:46			
FCS				Wave length=2788A		Exp #=76890			
UVSP 11:16									

Event # = 9730									
88/11/06, 11:09	DOY=311	SMM Pointing:		S15W36	Pitch=+301", Yaw=-551", Roll=0deg		H. Ang=40deg		
Start	Peak	End times							
GOES 11:04	11:09	11:41	Importance=C3	Qual=03					
HXRBS 11:04:07	11:04:23	11:04:35	Peak...c/s=72	Qual=01	Tot Cts=208				
UVSP 11:16			Wavelength=2788A	Code=02	Exp #=76890	Step=0"	Pitch=+179", Yaw=-372"		
Event # = 21981									
88/11/06, 14:09	DOY=311	SMM Pointing:		S22W35	Carr. Lon.=153deg		H. Ang=43deg		
Start	Peak	End times							
Optical			Ha...Class=SF	AR5212					
GOES 13:58	14:09	14:30	Importance=C2	Qual=05					
BCS 14:22	14:22	14:27	CaPeak.c/s=19	Qual=5	FePeak=14:22	#Peaks=1	dt= 7.7s	XEN=831103	
FCS			Wavelength=2788A		Exp #=76894	Step=0"	Cad=1.02s	1.024s/pixel	
UVSP 14:24						Step=0"	Pitch=+225", Yaw=-376"		
Event # = 9731									
88/11/06, 18:29	DOY=311	SMM Pointing:		S18W40	Pitch=+345", Yaw=-588", Roll=0deg		H. Ang=45deg		
Start	Peak	End times							
Optical			Ha...Class=2B	AR5212					
GOES 18:18	18:29	18:49	Importance=M5	Qual=03					
HXRBS 18:19:15	18:22:12	18:36:29	Peak...c/s=2496	Qual=01	Tot Cts=2.81E+5	Flags=M5			
GRS 18:21:00	18:24:00	18:24:00	CaPeak.c/s=3114	Qual=1	FePeak=18:28	#Peaks=1	dt= 7.7s	XEN=831104	
BCS 18:21	18:29	18:41	Wavelength=1375A	Code=00	Exp #=76907	Step=10"	Cad= 590s	1.024s/pixel	
FCS			606/63 1415/45 8800/350 15400/190			Step=0"	Pitch=+299", Yaw=-597"		
UVSP 18:18									
Radio Frequency(MHz)/Flux(sfu):									
Event # = 21982									
88/11/06, 20:05	DOY=311	SMM Pointing:		S22W39	Carr. Lon.=154deg		H. Ang=46deg		
Start	Peak	End times							
Optical			Ha...Class=SF	AR5212					
GOES 19:59	20:05	20:20	Importance=C1	Qual=01					
BCS 20:02	20:03	20:08	CaPeak.c/s=28	Qual=1	FePeak=20:03	#Peaks=1	dt= 7.7s	XEN=831105	
FCS			Wavelength=1375A	Code=00	Exp #=76914	Step=0"	Cad=1.02s	1.024s/pixel	
UVSP 19:52						Step=0"	Pitch=+363", Yaw=-598"		
Event # = 21983									
88/11/07, 05:21	DOY=312	SMM Pointing:		N09E04	Carr. Lon.=105deg		H. Ang=7deg		
Start	Peak	End times							
Optical			Ha...Class=SF	AR5218					
GOES 05:00	05:21	05:42	Importance=C2	Qual=01					
BCS 05:11	05:17	05:26	CaPeak.c/s=40	Qual=1	FePeak=05:14	#Peaks=1	dt= 7.7s	XEN=831200	
FCS			Wavelength=2788A	Code=01	Exp #=76949	Step=0"	Cad=1.02s	1.024s/pixel	
UVSP 05:04						Step=0"	Pitch=+220", Yaw=-472"		
Event # = 9733									
88/11/07, 10:41	DOY=312	SMM Pointing:		S18W48	Pitch=+339", Yaw=-687", Roll=0deg		H. Ang=52deg		
Start	Peak	End times							
Optical			Ha...Class=SF	S24W48					
GOES 10:14	10:41	10:49	Importance=C1	Qual=03					
HXRBS 10:37:41	10:39:34	10:40:00	Peak...c/s=88	Qual=01	Tot Cts=1207				
BCS 10:38	10:40	10:47	CaPeak.c/s=61	Qual=1	FePeak=10:40	#Peaks=1	dt= 3.8s	XEN=831202	
FCS			Wavelength=2788A	Code=02	Exp #=76956	Step=0"	Cad=1.02s	1.024s/pixel	
UVSP 10:45						Step=0"	Pitch=+217", Yaw=-507"		

Associated Event # = 9732									
HRBS	10:14:13	10:14:45	10:15:12	Peak...c/s=71	Qual=01	Tot Cts=544	MaxkeV=72	Step=0"	Pitch=+218",Yaw=-501"
UVSP	09:46			Wavelength=2788A		Exp #=76955	Rast=180"x1"		
Associated Event # = 21984									
BCS	10:24	10:28	10:35	CaPeak.c/s=24	Qual=1	FePeak=10:30	FePeak.c/s=12	#Peaks=1	dt= 7.7s XEN=831201
FCS							Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
Event # = 9735									
88/11/07,13:04	DOY=312	Peak	End times	SMM Pointing:	NO4W00		Pitch=+0",Yaw=+0",Roll=0deg		H.Ang=0deg
GOES					Qual=00				
HRBS	13:03:49	13:04:06	13:04:27	Peak...c/s=65	Qual=01	Tot Cts=380	MaxkeV=72	Step=0"	Pitch=+20",Yaw=+24"
UVSP	12:53			Wavelength=2788A		Exp #=76959	Rast=180"x1"		
Event # = 9736									
88/11/07,16:14	DOY=312	Peak	End times	SMM Pointing:	S18W51		Pitch=+336",Yaw=-713",Roll=0deg		H.Ang=54deg
GOES	16:11	16:14	16:19	Importance=B7	Qual=01				
HRBS	16:12:25	16:12:33	16:12:49	Peak...c/s=60	Qual=01	Tot Cts=140	MaxkeV=101	Step=0"	Pitch=+214",Yaw=-537"
UVSP	16:01			Wavelength=2788A	Code=01	Exp #=76963	Rast=180"x1"		
Event # = 9737									
88/11/07,22:36	DOY=312	Peak	End times	SMM Pointing:	S18W55		Pitch=+332",Yaw=-755",Roll=0deg		H.Ang=58deg
GOES	22:33	22:36	22:40	Importance=B9	Qual=01				
HRBS	22:33:56	22:34:17	22:34:50	Peak...c/s=87	Qual=01	Tot Cts=728	MaxkeV=72	Step=0"	Pitch=+361",Yaw=-714"
UVSP	22:28			Wavelength=1375A	Code=00	Exp #=76995	Rast=10"x10"		
88/11/08 DOY=313									
Event # = 9738									
88/11/08,12:53	DOY=313	Peak	End times	SMM Pointing:	S18W62		Pitch=+325",Yaw=-816",Roll=0deg		H.Ang=65deg
Optical							Mac.=EK1	Carr.Lon.=99deg	H.Ang=14deg
GOES	12:29	12:53	13:27	Ha...Class=2F	N16W07	AR5218			
HRBS	12:27:52	12:30:00	12:43:38	Importance=C3	Qual=02	Tot Cts=26751	MaxkeV=226	Flags=M5,IS	
UVSP	13:19			Peak...c/s=148	Qual=11	Exp #=77032	Rast=180"x1"	Step=0"	Pitch=+204",Yaw=-638"
88/11/09 DOY=314									
Event # = 9739									
88/11/09,01:01	DOY=314	Peak	End times	SMM Pointing:	S18W69		Pitch=+318",Yaw=-863",Roll=0deg		H.Ang=71deg
Optical							Mac.=EK1	Carr.Lon.=105deg	H.Ang=21deg
GOES	00:41	01:01	01:32	Ha...Class=SF	N13W19	AR5218			
HRBS	01:01:14	01:01:25	01:01:37	Importance=C1	Qual=04	Tot Cts=144	MaxkeV=72		
BCS	01:02	01:02	01:06	Peak...c/s=56	Qual=01	FePeak=01:02	FePeak.c/s=9	#Peaks=1	dt= 7.7s XEN=831400
FCS				CaPeak.c/s=24	Qual= 5	Exp #=77088	Rast=0"x0"	Step=0"	Cad=.26s 0.256s/pixel
UVSP	01:02			Peak3...c/s=763	Code=02		Rast=265"x265"	Step=5"	Pitch=+325",Yaw=-851"
88/11/09,04:11 DOY=314									
Event # = 9742									
88/11/09,04:11	DOY=314	Peak	End times	SMM Pointing:	S18W71		Pitch=+317",Yaw=-875",Roll=0deg		H.Ang=74deg
GOES	03:58	04:11	04:32	Importance=C2	Qual=04				
HRBS	04:04:37	04:04:44	04:05:14	Peak...c/s=46	Qual=01	Tot Cts=105	MaxkeV=72	Step=5"	Pitch=+324",Yaw=-860"
UVSP	04:11			Wavelength=1375A	Code=02	Exp #=77100	Rast=265"x265"		

[illegible]

Event # = 21985									
88/11/09,21:24	DOY=314	Peak	End times						
GOES 21:24	21:24	21:26	21:26	Qual=00					
BCS 21:24	21:24	21:26	21:26	Qual=4	FePeak=21:24				
FCS 21:09	21:09				Exp #=77123				
UVSP 21:09	21:09				Wave length=2788A				
FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=831401						
Rast=0"x0"	Step=0"	Cad=3840s	3840s/pixel						
Rast=180"x1"	Step=0"	Pitch=-259"	Yaw=-348"						
Event # = 9749									
88/11/09,21:53	DOY=314	Peak	End times						
GOES 21:53	21:53	21:59	21:59						
HXRBS 21:51:31	21:51:54	21:52:16	21:52:16						
UVSP 21:09	21:09								
SMM Pointing:				N11W34					
Importance=C2				Qual=01					
Peak...c/s=61				Qual=01					
Wave length=2788A									
Pitch=-138"	Yaw=-534"	Roll=0deg	H.Ang=35deg						
MaxkeV=72									
Rast=180"x1"	Step=0"	Pitch=-259"	Yaw=-348"						
Event # = 9750									
88/11/09,22:57	DOY=314	Peak	End times						
Optical 22:54	22:57	23:04	23:04						
GOES 23:00:17	23:00:43	23:00:54	23:00:54						
HXRBS 22:56									
UVSP 22:56									
Radio Sweeps									
Type/Intensity:									
III/1									
SMM Pointing:				N11W35					
Ha...Class=SF				N12W32					
Importance=C2				Qual=01					
Peak...c/s=58				Qual=01					
Wave length=1375A				Code=00					
Pitch=-139"	Yaw=-546"	Roll=0deg	H.Ang=35deg						
Mac.=EKI									
Carr. Lon.=105deg									
H.Ang=33deg									
MaxkeV=72									
Rast=265"x265"	Step=5"	Pitch=-131"	Yaw=-533"						
Event # = 9751									
88/11/09,23:09	DOY=314	Peak	End times						
GOES 23:08	23:09	23:20	23:20						
HXRBS 23:09:01	23:09:23	23:09:52	23:09:52						
UVSP 22:59									
SMM Pointing:				N11W35					
Importance=C2				Qual=01					
Peak...c/s=57				Qual=01					
Wave length=1375A				Code=00					
Pitch=-139"	Yaw=-546"	Roll=0deg	H.Ang=35deg						
MaxkeV=72									
Rast=110"x200"	Step=5"	Pitch=-174"	Yaw=-561"						
Event # = 9752									
88/11/10,00:36	DOY=315	Peak	End times						
GOES 00:33	00:36	00:38	00:38						
HXRBS 00:33:38	00:34:14	00:34:42	00:34:42						
UVSP 00:34									
Radio Sweeps									
Type/Intensity:									
III/2									
Frequency(MHz)/Flux(stu):									
245/3000	410/100	606/40	2695/16	8800/28					
SMM Pointing:				N11W36					
Importance=C2				Qual=01					
Peak...c/s=549				Qual=01					
Wave length=1375A				Code=00					
Pitch=-140"	Yaw=-557"	Roll=0deg	H.Ang=36deg						
MaxkeV=133									
Flags=M5,FS									
Rast=110"x200"	Step=5"	Pitch=-140"	Yaw=-574"						
Event # = 21986									
88/11/10,00:55	DOY=315	Peak	End times						
Optical 00:50	00:55	00:59	00:59						
GOES 00:54	00:55	01:00	01:00						
BCS 00:54									
FCS 00:53									
UVSP 00:53									
Ha...Class=SF				N14W31					
Importance=C2				Qual=01					
CaPeak.c/s=29				Qual=1					
Wave length=1375A									
Mac.=EKI									
Carr. Lon.=103deg									
H.Ang=32deg									
FePeak.c/s=10	#Peaks=1	dt= 7.7s	XEN=831500						
Rast=240"x240"	Step=10"	Cad=590s	1.024s/pixel						
Rast=110"x200"	Step=5"	Pitch=-205"	Yaw=-576"						







Event # = 10072									
88/11/11,06:34	DOY=316	Peak	Start	End times	SMM Pointing:	N11W52	Pitch=-151",Yaw=-748",Roll=0deg	H.Ang=52deg	
GOES 06:22	06:34	06:34	07:29		Importance=C6	Qual=03			
HXRBS 06:21:14	06:33:22	06:37:17			Peak...c/s=60	Qual=01	MaxkeV=73	Flags=I	
UVSP 06:11					Wavelength=2788A	Code=00	Rast=243"x243"	Step=3"	Pitch=-144",Yaw=-741"
Event # = 10076									
88/11/11,08:31	DOY=316	Peak	Start	End times	SMM Pointing:	N11W53	Pitch=-152",Yaw=-758",Roll=0deg	H.Ang=53deg	
GOES 08:26	08:31	08:55			Importance=C3	Qual=03			
HXRBS 08:27:46	08:28:18	08:28:54			Peak...c/s=58	Qual=01	MaxkeV=73	Flags=I	
UVSP 08:32					Wavelength=2788A	Code=02	Rast=180"x1"	Step=0"	Pitch=-18",Yaw=-582"
Event # = 21988									
88/11/11,09:47	DOY=316	Peak	Start	End times					
GOES 09:41	09:47	10:10			Importance=C2	Qual=04			
BCS 09:48	09:49	09:52			CaPeak.c/s=21	Qual= 4	FePeak=09:50	#Peaks=1	dt= 7.7s XEN=831602
UVSP 10:07					Wavelength=2788A		Rast=180"x1"	Step=0"	Cad=1.02s 1.024s/pixel
Event # = 21989									
88/11/11,15:31	DOY=316	Peak	Start	End times					
Optical 15:13	15:31	16:15			Ha...Class=1N	N13W53	Mac.=EKO	Carr. Lon.=104deg	H.Ang=53deg
GOES 15:30	15:32	16:24			Importance=C5	Qual=04	FePeak.c/s=35	#Peaks=1	dt= 3.8s XEN=831603
BCS 15:22					CaPeak.c/s=207	Qual= 5	Rast=240"x240"	Step=10"	Cad= 590s 1.024s/pixel
UVSP 15:22					Wavelength=2788A	Code=00	Rast=180"x1"	Step=0"	Pitch=-22",Yaw=-617"
Event # = 9765									
88/11/11,17:14	DOY=316	Peak	Start	End times	SMM Pointing:	N33E47	Pitch=-498",Yaw=+592",Roll=0deg	H.Ang=53deg	
Optical 17:09	17:14	17:18			Ha...Class=SF	N10W54	Mac.=EKO	Carr. Lon.=104deg	H.Ang=54deg
GOES 17:09:20	17:09:52	17:10:26			Importance=C1	Qual=01	MaxkeV=73		
HXRBS 16:57					Peak...c/s=60	Qual=01	Rast=180"x1"	Step=0"	Pitch=-362",Yaw=+778"
UVSP 16:57					Wavelength=2788A	Code=01			
Event # = 9766									
88/11/11,20:47	DOY=316	Peak	Start	End times	SMM Pointing:	N33E46	Pitch=-496",Yaw=+582",Roll=0deg	H.Ang=52deg	
Optical 20:22	20:47	21:15			Ha...Class=SF	N13W57	Mac.=EKO	Carr. Lon.=105deg	H.Ang=57deg
GOES 20:45:22	20:45:34	20:46:08			Importance=C3	Qual=03	MaxkeV=73		
HXRBS 20:27	20:46	20:49			Peak...c/s=89	Qual=01	FePeak.c/s=9	#Peaks=1	dt= 3.8s XEN=831604
BCS 20:44					CaPeak.c/s=49	Qual= 3	Rast=0"x0"	Step=0"	Cad=.26s 0.256s/pixel
UVSP 20:44					Wavelength=1375A	Code=00	Rast=10"x10"	Step=0"	Pitch=-486",Yaw=+615"
Event # = 21990									
88/11/11,21:51	DOY=316	Peak	Start	End times					
GOES 21:47	21:51	22:02			CaPeak.c/s=20	Qual= 4	FePeak=21:47	#Peaks=1	dt= 7.7s XEN=831605
BCS 21:48					Wavelength=1375A		Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
UVSP 21:48							Rast=265"x265"	Step=5"	Pitch=-488",Yaw=+581"

Event # = 9767									
88/11/11, 21:57	DOY=316	SMM Pointing:	N33E45			Pitch=-496"	Yaw=+572"	Roll=0deg	H. Ang=51deg
Optical	Peak	Ha...Class=SF	N11W58			Mac.=EK0	Carr. Lon.=106deg		H. Ang=58deg
G0ES 21:53	21:57	Importance=C2	Qual=01			MaxkeV=73			
HXRBS 21:52:03	21:55:01	Peak...c/s=71	Qual=01			Rast=10"x10"	Step=0"	Pitch=-491"	Yaw=+549"
UVSP 21:52		Wavelength=1375A	Code=00			Exp #=77286			
88/11/12 DOY=317									
Event # = 21991									
88/11/12, 11:05	DOY=317								
G0ES 11:00	11:05	Importance=C1	Qual=03			FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=831700
BCS 11:04	11:05	CaPeak.c/s=24	Qual= 4			Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
FCS 11:07		Wavelength=2788A	Code=02			Rast=180"x1"	Step=0"	Pitch=-357"	Yaw=+423"
UVSP 11:07						Exp #=77373			
88/11/12 DOY=317									
Event # = 10083									
88/11/12, 11:55	DOY=317	SMM Pointing:	N33E37			Pitch=-491"	Yaw=+489"	Roll=0deg	H. Ang=46deg
Optical	Peak	Ha...Class=SF	N34E43			Mac.=FAI	Carr. Lon.=357deg		H. Ang=51deg
G0ES 11:40	11:55	Importance=C7	Qual=03			MaxkeV=134	Flags=I		
HXRBS 11:52:43	11:53:50	Peak...c/s=567	Qual=01			FePeak.c/s=111	#Peaks=2	dt= 3.8s	XEN=831701
BCS 11:50	11:55	CaPeak.c/s=637	Qual= 1			Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel
FCS 11:43		Wavelength=2788A	Code=01			Rast=180"x1"	Step=0"	Pitch=-357"	Yaw=+420"
UVSP 11:43						Exp #=77374			
HXRBS 11:49:16	11:50:07	Associated	Event # = 10082			MaxkeV=73	Flags=I		
88/11/12 DOY=317									
Event # = 9768									
88/11/12, 12:51	DOY=317	SMM Pointing:	N33E37			Pitch=-491"	Yaw=+489"	Roll=0deg	H. Ang=46deg
Optical	Peak	Ha...Class=SF	N34E43			Mac.=FAI	Carr. Lon.=357deg		H. Ang=51deg
G0ES 12:41	12:51	Importance=C2	Qual=02			MaxkeV=73	Flags=EN		
HXRBS 12:44:25	12:44:58	Peak...c/s=67	Qual=03			FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=831702
BCS 12:44	12:45	CaPeak.c/s=30	Qual= 2			Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
FCS 12:41		Wavelength=2788A	Code=01			Rast=180"x1"	Step=0"	Pitch=-357"	Yaw=+414"
UVSP 12:41						Exp #=77375			
88/11/12 DOY=317									
Event # = 9769									
88/11/12, 13:26	DOY=317	SMM Pointing:	N33E37			Pitch=-491"	Yaw=+489"	Roll=0deg	H. Ang=46deg
Optical	Peak	Ha...Class=SF	N13W67			Mac.=EK0	Carr. Lon.=106deg		H. Ang=67deg
G0ES 13:22	13:26	Importance=C2	Qual=04			FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=831703
HXRBS 13:21:59	13:22:06	Peak...c/s=53	Qual=02			Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
UVSP 13:16		Wavelength=2788A	Code=00			Rast=180"x1"	Step=0"	Pitch=-357"	Yaw=+410"
88/11/12 DOY=317									
Event # = 21992									
88/11/12, 13:39	DOY=317								
Optical	Peak	Ha...Class=SF	N13W67			Mac.=EK0	Carr. Lon.=106deg		H. Ang=67deg
G0ES 13:37	13:39	Importance=C1	Qual=03			FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=831703
BCS 13:37	13:37	CaPeak.c/s=28	Qual= 5			Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
FCS 13:16		Wavelength=2788A	Code=00			Rast=180"x1"	Step=0"	Pitch=-357"	Yaw=+410"
UVSP 13:16						Exp #=77376			

Event # = 21993									
88/11/12, 16:15	DOY=317	Peak	End times						
Optical	16:03	16:15	16:45	Ha...Class=2B	N35E44	AR5229	Mac.=FAI	Carr. Lon.=354deg	H. Ang=52deg
GOES	16:31	16:33	17:27	Importance=M5	Qual=05	FePeak=16:33	FePeak.c/s=23	#Peaks=1	dt= 3.8s
BCS				CaPeak.c/s=277	Qual= 5		Rast=240"x240"	Step=10"	XEN=831704
FCS								Cad= 590s	1.024s/pixel
UVSP	16:24			Wavelength=2788A	Code=02	Exp #=77380	Rast=180"x1"	Step=0"	Pitch=-357", Yaw=+391"
Event # = 9771									
88/11/12, 19:48	DOY=317	Peak	End times						
Optical	19:39	19:48	19:53	SMM Pointing:	N33E33	AR5218	Pitch=-491", Yaw=+448", Roll=0deg		H. Ang=43deg
GOES	19:44:22	19:44:48	19:48:24	Ha...Class=SF	N12W20		Mac.=EK0	Carr. Lon.=56deg	H. Ang=22deg
HXRBS	19:46	19:47	19:50	Importance=C7	Qual=01	Tot Cts=8144	MaxkeV=197		
BCS				Peak...c/s=251	Qual=01	FePeak=19:46	FePeak.c/s=8	#Peaks=1	dt= 7.7s
FCS				CaPeak.c/s=29	Qual= 1		Rast=0"x0"	Step=0"	XEN=831705
UVSP	19:45			Wavelength=1375A	Code=00	Exp #=77392	Rast=10"x10"	Step=0"	Cad=1.02s
Radio	Frequency(MHz)/Flux(sfu):	1415/100	4995/53	8800/63					Pitch=-512", Yaw=+517"
HXRBS	19:39:23	19:40:56	19:42:01	Associated		Event # = 9770	MaxkeV=73		
UVSP	19:41			Peak...c/s=74	Qual=01	Tot Cts=1286	Rast=265"x265"	Step=5"	Pitch=-484", Yaw=+454"
Event # = 9772									
88/11/12, 21:18	DOY=317	Peak	End times						
Optical	21:16	21:18	21:50	SMM Pointing:	N33E33		Pitch=-491", Yaw=+438", Roll=0deg		H. Ang=43deg
GOES	21:15:02	21:16:13	21:18:29	Ha...Class=SF	N34E39		Mac.=FAI	Carr. Lon.=356deg	H. Ang=48deg
HXRBS	21:16	21:17	21:38	Importance=C6	Qual=01	Tot Cts=21944	MaxkeV=166		
BCS				Peak...c/s=1078	Qual=01	FePeak=21:17	FePeak.c/s=94	#Peaks=1	dt= 3.8s
FCS				CaPeak.c/s=340	Qual= 1		Rast=240"x240"	Step=10"	XEN=831706
UVSP	21:16			Wavelength=1375A	Code=00	Exp #=77399	Rast=265"x265"	Step=5"	Cad= 590s
HXRBS	21:21:28	21:21:38	21:22:23	Associated		Event # = 9773			Pitch=-484", Yaw=+444"
UVSP	21:18			Peak...c/s=89	Qual=01	Tot Cts=377	MaxkeV=73		
HXRBS	21:24:34	21:25:20	21:26:20	Wavelength=1375A	Code=01	Exp #=77402	Rast=10"x10"	Step=0"	Pitch=-512", Yaw=+502"
UVSP	21:18			Peak...c/s=81	Qual=01	Event # = 9774	MaxkeV=73		
Event # = 21994									
88/11/12, 21:55	DOY=317	Peak	End times						
GOES	21:50	21:55	22:16	Importance=C1	Qual=02	FePeak=21:53	FePeak.c/s=7	#Peaks=1	dt= 7.7s
BCS	21:53	21:53	21:54	CaPeak.c/s=19	Qual= 2		Rast=0"x0"	Step=0"	XEN=831707
FCS								Cad=3840s	3840s/pixel
UVSP	21:46			Wavelength=1375A	Code=00	Exp #=77408	Rast=10"x10"	Step=0"	Pitch=-512", Yaw=+504"
Event # = 21995									
88/11/12, 22:51	DOY=317	Peak	End times						
Optical	22:23	22:51	23:16	Ha...Class=SF	N34E41	AR5229	Mac.=FAI	Carr. Lon.=353deg	H. Ang=49deg
GOES	22:46	22:48	23:39	Importance=C4	Qual=04	FePeak=22:48	FePeak.c/s=16	#Peaks=1	dt= 3.8s
BCS				CaPeak.c/s=148	Qual= 5		Rast=240"x240"	Step=10"	XEN=831708
FCS								Cad= 590s	1.024s/pixel
UVSP	22:51			Wavelength=1375A	Code=02	Exp #=77409	Rast=265"x265"	Step=5"	Pitch=-483", Yaw=+434"
Radio	Sweeps			Type/Intensity:	III/3				

Event # = 9775									
88/11/12, 23:07	DOY=317	Start	End times	SMM Pointing:	N33E32	Pitch=-491", Yaw=+428", Roll=0deg	H. Ang=42deg		
GOES									
HXRBS	23:06:56	23:07:08	23:07:13	Peak...c/s=67	Qual=00				
UVSP	22:54			Wavelength=1375A	Qual=01	Tot Cts=159	MaxkeV=73		
						Exp #=77410	Rast=110"x200"	Step=5"	Pitch=-516", Yaw=+406"
Event # = 21996									
88/11/12, 23:41	DOY=317	Start	End times						
GOES									
BCS	23:41	23:41	23:42	CaPeak.c/s=18	Qual=00				
FCS					Qual=5	FePeak=23:41	dt= 7.7s	XEN=831709	
UVSP	23:32			Wavelength=1375A	Exp #=77414	Rast=110"x200"	Pitch=-506", Yaw=+402"		
Event # = 21997									
88/11/13, 01:45	DOY=318	Start	End times		88/11/13	DOY=318			
Optical				Ha...Class=SF	N33E37	Mac.=FAI	Carr. Lon.=355deg	H. Ang=46deg	
Optical				Ha...Class=SF	N12W75		Carr. Lon.=107deg	H. Ang=75deg	
GOES	01:14	01:45	02:30	Importance=C6	Qual=05				
BCS	01:54	01:55	02:50	CaPeak.c/s=121	Qual=5	FePeak=01:55	dt= 3.8s	XEN=831800	
FCS							Step=10"	Cad= 590s	1.024s/pixel
UVSP	01:58			Wavelength=1375A	Exp #=77421	Rast=265"x265"	Pitch=-483", Yaw=+414"		
Event # = 9776									
88/11/13, 05:39	DOY=318	Start	End times	SMM Pointing:	N33E28	Pitch=-489", Yaw=+378", Roll=0deg	H. Ang=40deg		
Optical				Ha...Class=IN	N33E37	Mac.=FAI	Carr. Lon.=353deg	H. Ang=46deg	
GOES	05:23	05:39	06:34	Importance=M7	Qual=03				
HXRBS	05:22:21	05:36:22	05:57:23	Peak...c/s=2828	Qual=13	Tot Cts=6.61E+5	Flags=M5, EN, DG		
GRS	05:36:00	05:37:00	05:37:00						
BCS	05:02	05:38	05:58	CaPeak.c/s=4461	Qual=1	FePeak=05:37	dt= 7.7s	XEN=831801	
FCS							Step=10"	Cad= 590s	1.024s/pixel
UVSP	05:29			Wavelength=1375A	Code=00	Rast=240"x240"	Pitch=-525", Yaw=+363"		
Radio				II/1 III/3 IV/2	Exp #=77443	Rast=110"x200"	Step=5"		
Radio				Frequency(MHz)/Flux(sfu):	245/74 410/200 606/98 2695/390 8800/890 15400/27				
Event # = 21998									
88/11/13, 06:37	DOY=318	Start	End times						
GOES									
BCS	06:35	06:37	07:14	CaPeak.c/s=102	Qual=00	FePeak.c/s=9	dt= 3.8s	XEN=831802	
FCS					Qual=5	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
UVSP	06:41			Wavelength=2788A	Exp #=77446	Rast=243"x243"	Pitch=-482", Yaw=+383"		
Event # = 9777									
88/11/13, 07:18	DOY=318	Start	End times	SMM Pointing:	N33E27	Pitch=-489", Yaw=+368", Roll=0deg	H. Ang=39deg		
Optical				Ha...Class=SF	N19E84		Carr. Lon.=305deg	H. Ang=83deg	
GOES	07:14	07:18	07:48	Importance=C4	Qual=03				
HXRBS	07:13:13	07:14:34	07:16:02	Peak...c/s=1115	Qual=01	Tot Cts=26819	MaxkeV=266		
UVSP	06:41			Wavelength=2788A	Code=00	Exp #=77446	Rast=243"x243"	Step=3"	Pitch=-482", Yaw=+383"
Radio				Frequency(MHz)/Flux(sfu):	2695/72 4995/62				

Event # = 9778									
88/11/13, 08:12	DOY=318	Peak	End times	SMM Pointing:	N33E27			Pitch=-489", Yaw=+368", Roll=0deg	H.Ang=39deg
Start	08:12	08:31		Importance=C2	Qual=03				
GOES 08:08	08:12	08:31		Peak...c/s=51	Qual=01				
HXRBS 08:10:41	08:10:51	08:11:26		Wavelength=2788A	Code=00	Tot Cts=257		Step=0"	Pitch=-355", Yaw=+291"
UVSP 08:01				III/3		Exp #=77447			
Radio Sweeps									
Type/Intensity:									
Event # = 9779									
88/11/13, 12:09	DOY=318	Peak	End times	SMM Pointing:	N33E24			Pitch=-488", Yaw=+338", Roll=0deg	H.Ang=38deg
Start	12:08	12:20		Ha...Class=SF	N11W47				
Optical	12:08	12:09	12:20	Importance=C1	Qual=01	AR5234		Mac. =AXX	H.Ang=47deg
GOES 12:08	12:09	12:20		Peak...c/s=115	Qual=01				
HXRBS 12:08:38	12:08:56	12:09:28		Wavelength=2788A	Code=02	Tot Cts=836		Step=0"	Pitch=-354", Yaw=+263"
UVSP 12:09						Exp #=77452			
Event # = 21999									
88/11/13, 13:18	DOY=318	Peak	End times	Ha...Class=SF	S22W22			Carr. Lon.=48deg	H.Ang=33deg
Start	12:42	13:18	13:50	Importance=C9	Qual=05	AR5227			
Optical	12:42	13:18	13:50	CaPeak.c/s=25	Qual=5				
GOES 12:42	13:18	13:50		Wavelength=2788A		FePeak=13:36		dt= 7.7s	XEN=831803
BCS 13:36	13:37	13:44						Step=0"	Cad=1.02s
FCS								Step=0"	Pitch=-354", Yaw=+253"
UVSP 13:43						Exp #=77454			
Radio Frequency(MHz)/Flux(sfu): 245/55 2695/66 4995/53									
Event # = 9780									
88/11/13, 13:42	DOY=318	Peak	End times	SMM Pointing:	N33E24			Pitch=-488", Yaw=+327", Roll=0deg	H.Ang=37deg
Start	13:42	13:42		Qual=00					
GOES 13:42:40	13:42:58	13:43:32		Peak...c/s=55	Qual=01	Tot Cts=231		Step=0"	Pitch=-354", Yaw=+253"
HXRBS 13:42:40	13:42:58	13:43:32		Wavelength=2788A		Exp #=77454			
UVSP 13:43									
Event # = 9781									
88/11/13, 15:38	DOY=318	Peak	End times	SMM Pointing:	N33E23			Pitch=-489", Yaw=+317", Roll=0deg	H.Ang=37deg
Start	15:13	15:38		Ha...Class=1F	N21E80				
Optical	15:13	15:38	16:00	Importance=C5	Qual=02	AR5240		Carr. Lon.=305deg	H.Ang=80deg
GOES 15:13	15:38	16:00		Peak...c/s=62	Qual=01			Flags=M5	
HXRBS 15:17:51	15:18:15	15:18:49		Wavelength=2788A		Tot Cts=196		Step=0"	Pitch=-355", Yaw=+239"
UVSP 15:50						Exp #=77457			
Event # = 9782									
88/11/13, 16:35	DOY=318	Peak	End times	SMM Pointing:	N33E22			Pitch=-489", Yaw=+307", Roll=0deg	H.Ang=36deg
Start	16:07	16:35		Ha...Class=1B	N31E24				
Optical	16:07	16:35	17:10	Importance=M3	Qual=02	AR5229		Mac. =FAI	H.Ang=36deg
GOES 16:12:46	16:13:03	16:13:20		Peak...c/s=108	Qual=01				
HXRBS 16:12:46	16:13:03	16:13:20		Wavelength=2788A		Tot Cts=719		Step=0"	Pitch=-355", Yaw=+232"
UVSP 16:50				Associated		Exp #=77458			
Event # = 22000									
BCS 16:19	16:51	16:54		CaPeak.c/s=116	Qual=7	FePeak=16:51		dt= 3.8s	XEN=831804
FCS								Step=0"	Cad=1.02s
Event # = 22001									
BCS 17:32	17:33	18:28		CaPeak.c/s=47	Qual=5	FePeak=17:34		dt= 3.8s	XEN=831805
FCS								Step=10"	Cad=590s
UVSP 17:24				Wavelength=2788A		Exp #=77459		Pitch=-355", Yaw=+228"	

Event # = 9783	88/11/13, 21:13	DOY=318	Start	End times	SMM Pointing:	N33E22	Pitch=-492", Yaw=+308", Roll=0deg	H.Ang=37deg
Optical	20:57	21:13	22:13	22:13	Ha...Class=1B	N34E27	Mac.=FAI	H.Ang=40deg
GOES	20:56:07	21:05:08	21:18:57	21:18:57	Importance=M4	Qual=03	Carr. Lon.=355deg	
HXRBS	20:40	21:10	21:18	21:18	Peak...c/s=521	Qual=11		
BGS	20:40	21:10	21:18	21:18	CaPeak.c/s=2547	Qual=1		
FCS	20:44	21:10	21:18	21:18	Wave length=2788A	Code=00		
UVSP	20:44	21:10	21:18	21:18	Frequency(MHz)/Flux(sfu):	245/160 410/260 606/79		
Radio	20:44	21:10	21:18	21:18				
Event # = 22002	88/11/13, 22:15	DOY=318	Start	End times				
GOES	22:14	22:15	22:55	22:55	CaPeak.c/s=107	Qual=5		
BGS	22:14	22:15	22:55	22:55	Wave length=1375A	Qual=00		
FCS	22:16	22:15	22:55	22:55				
UVSP	22:16	22:15	22:55	22:55				
Event # = 9784	88/11/13, 22:47	DOY=318	Start	End times	SMM Pointing:	N33E21	Pitch=-489", Yaw=+298", Roll=0deg	H.Ang=36deg
GOES	22:46:31	22:47:17	22:47:54	22:47:54	Peak...c/s=65	Qual=00		
HXRBS	22:46	22:47	22:47	22:47	Wave length=1375A	Qual=01		
UVSP	22:46	22:47	22:47	22:47				
Event # = 9785	88/11/13, 23:11	DOY=318	Start	End times	SMM Pointing:	N33E21	Pitch=-489", Yaw=+298", Roll=0deg	H.Ang=36deg
Optical	22:54	23:11	00:10	00:10	Ha...Class=1N	S23W27	Mac.=DA0	H.Ang=37deg
GOES	22:50:20	23:08:00	23:09:23	23:09:23	Importance=M3	Qual=03	Carr. Lon.=48deg	
HXRBS	23:05:00	23:09:00	23:09:00	23:09:00	Peak...c/s=3283	Qual=03	Flags=M5, EN	
GRS	23:05:00	23:09:00	23:09:00	23:09:00				
UVSP	22:59	23:09	23:09	23:09	Wave length=1375A	Code=00		
Radio	22:59	23:09	23:09	23:09	Type/Intensity:			
Sweeps	22:59	23:09	23:09	23:09	III/3 IV/3			
Frequency(MHz)/Flux(sfu):	245/390 410/1000 606/1000 1415/510 2695/700 4995/1400 8800/1900 15400/1500							
Event # = 9786	88/11/14, 01:57	DOY=319	Start	End times	SMM Pointing:	N33E20	Pitch=-489", Yaw=+277", Roll=0deg	H.Ang=35deg
Optical	01:45	01:57	02:30	02:30	Ha...Class=2N	N21E72	Mac.=BX0	H.Ang=72deg
GOES	01:49:55	01:51:23	02:01:33	02:01:33	Importance=M2	Qual=01		
HXRBS	01:53	02:01	02:01	02:01	Peak...c/s=207	Qual=11		
UVSP	01:53	02:01	02:01	02:01	Wave length=1375A	Code=00		
Radio	01:53	02:01	02:01	02:01	III/2			
Sweeps	01:53	02:01	02:01	02:01				
Frequency(MHz)/Flux(sfu):	245/390 410/1000 606/1000 1415/510 2695/700 4995/1400 8800/1900 15400/1500							
Event # = 9787	88/11/14, 01:57	DOY=319	Start	End times	SMM Pointing:	N33E20	Pitch=-489", Yaw=+277", Roll=0deg	H.Ang=35deg
Optical	01:45	01:57	02:30	02:30	Ha...Class=2N	N21E72	Mac.=BX0	H.Ang=72deg
GOES	01:49:55	01:51:23	02:01:33	02:01:33	Importance=M2	Qual=01		
HXRBS	01:53	02:01	02:01	02:01	Peak...c/s=207	Qual=11		
UVSP	01:53	02:01	02:01	02:01	Wave length=1375A	Code=00		
Radio	01:53	02:01	02:01	02:01	III/2			
Sweeps	01:53	02:01	02:01	02:01				
Frequency(MHz)/Flux(sfu):	245/390 410/1000 606/1000 1415/510 2695/700 4995/1400 8800/1900 15400/1500							
Event # = 9788	88/11/14, 02:06	DOY=319	Start	End times	SMM Pointing:	N33E20	Pitch=-489", Yaw=+277", Roll=0deg	H.Ang=35deg
Optical	02:06	02:06	02:06	02:06	Ha...Class=2N	N21E72	Mac.=BX0	H.Ang=72deg
GOES	02:06	02:06	02:06	02:06	Importance=M2	Qual=01		
HXRBS	02:06	02:06	02:06	02:06	Peak...c/s=207	Qual=11		
UVSP	02:06	02:06	02:06	02:06	Wave length=1375A	Code=00		
Radio	02:06	02:06	02:06	02:06	III/2			
Sweeps	02:06	02:06	02:06	02:06				
Frequency(MHz)/Flux(sfu):	245/390 410/1000 606/1000 1415/510 2695/700 4995/1400 8800/1900 15400/1500							
Event # = 9789	88/11/14, 02:06	DOY=319	Start	End times	SMM Pointing:	N33E20	Pitch=-489", Yaw=+277", Roll=0deg	H.Ang=35deg
Optical	02:06	02:06	02:06	02:06	Ha...Class=2N	N21E72	Mac.=BX0	H.Ang=72deg
GOES	02:06	02:06	02:06	02:06	Importance=M2	Qual=01		
HXRBS	02:06	02:06	02:06	02:06	Peak...c/s=207	Qual=11		
UVSP	02:06	02:06	02:06	02:06	Wave length=1375A	Code=00		
Radio	02:06	02:06	02:06	02:06	III/2			
Sweeps	02:06	02:06	02:06	02:06				
Frequency(MHz)/Flux(sfu):	245/390 410/1000 606/1000 1415/510 2695/700 4995/1400 8800/1900 15400/1500							

Event # = 9790									
88/11/14, 03:49	DOY=319	End times	SMM Pointing:	N33E19		Pitch=-490", Yaw=+266", Roll=0deg	H.Ang=35deg		
Optical	Start								
GOES 03:42	03:49	03:52	Ha...Class-SF	N33E16	AR5229	Mac.=FKI	Carr.Lon.=2deg	H.Ang=34deg	
GOES 03:43	03:44	03:44:09	Importance=C3	Qual=03					
GOES 03:44	03:44:09	03:44:27	Peak...c/s=71	Qual=01	Tot Cts=510	MaxkeV=74	#Peaks=1	dt= 7.7s	XEN=831900
GOES 03:48	03:50	03:51	CaPeak.c/s=45	Qual= 1	FePeak=03:49	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
GOES 03:41			Wavelength=1375A	Code=00	Exp #=77514	Rast=10"x10"	Step=0"	Pitch=-469", Yaw=+211"	
Event # = 9791									
88/11/14, 04:16	DOY=319	End times	SMM Pointing:	N33E18		Pitch=-486", Yaw=+255", Roll=0deg	H.Ang=34deg		
Optical	Start								
GOES 04:09	04:16	05:10	Importance=M1	Qual=05					
GOES 04:37	04:38:11	04:38:31	Peak...c/s=52	Qual=01	Tot Cts=227	MaxkeV=74	Step=5"	Pitch=-481", Yaw=+268"	
GOES 04:31			Wavelength=1375A		Exp #=77515	Rast=265"x265"			
GOES 04:18	04:40:40	04:40:47	15400/74						
GOES 04:18	04:40:40	04:40:47	Associated		Event # = 9792				
GOES 04:34			Peak...c/s=53	Qual=01	Tot Cts=148	MaxkeV=74	Step=0"	Pitch=-514", Yaw=+315"	
GOES 04:34			Wavelength=1375A		Exp #=77518	Rast=10"x10"			
Event # = 9793									
88/11/14, 05:07	DOY=319	End times	SMM Pointing:	N33E18		Pitch=-486", Yaw=+255", Roll=0deg	H.Ang=34deg		
Optical	Start								
GOES 05:07	05:07:16	05:07:50	Peak...c/s=67	Qual=00	Tot Cts=447	MaxkeV=74	Step=0"	Pitch=-514", Yaw=+312"	
GOES 05:00			Wavelength=1375A		Exp #=77524	Rast=10"x10"			
Event # = 9794									
88/11/14, 06:51	DOY=319	End times	SMM Pointing:	N33E17		Pitch=-488", Yaw=+244", Roll=0deg	H.Ang=34deg		
Optical	Start								
GOES 06:27	06:51	07:16	Ha...Class-SF	S23W33	AR5227	Mac.=DAO	Carr.Lon.=49deg	H.Ang=41deg	
GOES 06:28	06:28:44	06:29:10	Importance=C4	Qual=03					
GOES 06:29	06:29	06:36	Peak...c/s=95	Qual=01	Tot Cts=1233	MaxkeV=74	#Peaks=1	dt= 7.7s	XEN=831901
GOES 06:29	06:29	06:36	CaPeak.c/s=27	Qual= 1	FePeak=06:30	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
GOES 06:48			Wavelength=1375A	Code=00	Exp #=77540	Rast=10"x10"	Step=0"	Pitch=-509", Yaw=+289"	
GOES 06:48			111/1						
Event # = 9795									
88/11/14, 07:56	DOY=319	End times	SMM Pointing:	N33E17		Pitch=-488", Yaw=+232", Roll=0deg	H.Ang=34deg		
Optical	Start								
GOES 07:40	07:56	08:52	Importance=M1	Qual=03					
GOES 07:42	07:51:45	08:03:07	Peak...c/s=308	Qual=01	Tot Cts=68334	MaxkeV=104	Flags=M5		
GOES 07:56			Wavelength=1375A	Code=02	Exp #=77547	Rast=10"x10"	Step=0"	Pitch=-504", Yaw=+281"	
GOES 07:56			8800/28 15400/23						
Event # = 22003									
88/11/14, 09:51	DOY=319	End times							
Optical	Start								
GOES 09:38	09:51	10:18	Importance=C3	Qual=03					
GOES 09:13	09:13	09:44	CaPeak.c/s=28	Qual= 2	FePeak=09:42	FePeak.c/s=12	#Peaks=1	dt= 7.7s	XEN=831902
GOES 09:13	09:13	09:44	Wavelength=1375A	Code=00	Exp #=77557	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
GOES 09:41						Rast=10"x10"	Step=0"	Pitch=-272", Yaw=+508"	



Event # = 9797									
88/11/14, 10:44	DOY=319	SMM Pointing:	N33E15					Pitch=-488", Yaw=+211", Roll=0deg	H. Ang=33deg
GOES	Start	End times							
HXRBS	10:44:44	10:44:47	10:44:56	Peak...c/s=54	Qual=00			MaxkeV=74	
UVSP	10:35			Wavelength=2788A	Qual=01	Tot Cts=88		Rast=180"x1"	Pitch=0" Step=0" Yaw=+142"
Event # = 22004									
88/11/14, 12:07	DOY=319	SMM Pointing:	N33E15						
Optical	Start	End times							
Optical	12:00	12:07	12:21	Ha...Class=1N	N22E68	AR5240		Mac.=DAO	Carr. Lon.=305deg H. Ang=69deg
GOES	12:18	12:19	13:00	Ha...Class=SF	S23W35	AR5227			Carr. Lon.=48deg H. Ang=43deg
BCS				Importance=M1	Qual=05				
FCS				CaPeak.c/s=25	Qual= 4	FePeak=12:18		FePeak.c/s=8	#Peaks=1 dt= 7.7s XEN=831903
UVSP	12:09			Wavelength=2788A	Code=02	Exp # = 77566		Rast=0"x0"	Step=0" Cad=1.02s 1.024s/pixel
Event # = 9798									
88/11/14, 14:47	DOY=319	SMM Pointing:	N33E13					Pitch=-487", Yaw=+188", Roll=0deg	H. Ang=32deg
Optical	Start	End times							
Optical	13:45	14:47	15:24	Ha...Class=2B	N11E11	AR5229		Mac.=FKI	Carr. Lon.=1deg H. Ang=14deg
GOES	13:45	14:47	15:24	Ha...Class=SF	S23W38	AR5227			Carr. Lon.=50deg H. Ang=45deg
HXRBS	14:37:08	14:37:48	14:47:18	Importance=M2	Qual=03				
BCS	13:51	14:44	14:48	Peak...c/s=272	Qual=04	Tot Cts=56774		MaxkeV=199	Flags=M5, EN, SA
FCS				CaPeak.c/s=1093	Qual= 3	FePeak=14:44		FePeak.c/s=188	#Peaks=1 dt= 7.7s XEN=831904
UVSP	14:43			Wavelength=2788A	Code=00	Exp # = 77569		Rast=180"x180"	Step=10" Cad= 332s 1.024s/pixel
Radio	Frequency(MHz)/Flux(sfu):	606/200	4995/100	8800/270				Rast=180"x1"	Step=0" Pitch=-353", Yaw=+112"
HXRBS	13:59:55	14:00:07	14:00:31	Associated		Event # = 9796			
UVSP	13:44			Peak...c/s=62	Qual=01	Tot Cts=188		MaxkeV=74	
				Wavelength=2788A		Exp # = 77568		Rast=180"x1"	Step=0" Pitch=-353", Yaw=+119"
Event # = 22005									
88/11/14, 15:25	DOY=319	SMM Pointing:	N33E13						
GOES	Start	End times							
BCS	15:25	15:25	16:21	CaPeak.c/s=56	Qual=00			FePeak.c/s=7	#Peaks=1 dt= 3.8s XEN=831905
FCS					Qual= 5	FePeak=15:25		Rast=240"x300"	Step=15" Cad= 328s 1.024s/pixel
UVSP	15:17			Wavelength=2788A		Exp # = 77570		Rast=180"x1"	Step=0" Pitch=-354", Yaw=+108"
Event # = 9799									
88/11/14, 16:50	DOY=319	SMM Pointing:	N33E13					Pitch=-489", Yaw=+177", Roll=0deg	H. Ang=32deg
Optical	Start	End times							
GOES	16:41	16:50	17:42	Ha...Class=1N	N32E10	AR5229		Mac.=FKI	Carr. Lon.=1deg H. Ang=31deg
HXRBS	16:57:22	16:57:59	16:59:44	Importance=M3	Qual=05				
BCS	16:58	16:59	17:55	Peak...c/s=68	Qual=01	Tot Cts=998		MaxkeV=74	
FCS				CaPeak.c/s=1007	Qual= 5	FePeak=16:59		FePeak.c/s=130	#Peaks=1 dt= 3.8s XEN=831906
UVSP	16:51			Wavelength=2788A	Code=02	Exp # = 77572		Rast=240"x300"	Step=15" Cad= 328s 1.024s/pixel
Radio	Frequency(MHz)/Flux(sfu):	410/150	606/400	1415/180				Rast=180"x1"	Step=0" Pitch=-354", Yaw=+96"
HXRBS	17:06:24	17:07:07	17:07:41	Associated		Event # = 9800			
				Peak...c/s=62	Qual=01	Tot Cts=431		MaxkeV=74	
HXRBS	17:12:40	17:13:06	17:13:26	Associated		Event # = 9801			
				Peak...c/s=72	Qual=01	Tot Cts=231		MaxkeV=74	

Event # = 9803	DOY=319	SMM Pointing:	End times	N33E11	AR5227	Pitch=-489", Yaw=+154", Roll=0deg	H.Ang=32deg
88/11/14, 18:34	Peak	Ha....Class=SF		S21W40		Mac.=DAO	H.Ang=46deg
Optical				Qual=00			
GOES				Qual=01			
HXRBS	18:34:47	Peak...c/s=71	18:35:27	Qual= 5	Tot Cts=351	MaxkeV=74	XEN=831907
BCS	18:32	CaPeak.c/s=23	18:57		FePeak=18:34	FePeak.c/s=6	3840s/pixel
FCS						Rast=0"x0"	Cad=3840s
UVSP	18:36	Wavelength=2788A			Exp # = 77574	Rast=243"x243"	Pitch=-481", Yaw=+166"
		Associated			Event # = 9802		
HXRBS	18:33:48	Peak...c/s=62	18:34:05	Qual=01	Tot Cts=84	MaxkeV=74	
Event # = 22006							
88/11/14, 23:33	DOY=319						
Start	Peak						
GOES	23:29	Importance=C1	23:53	Qual=01		FePeak.c/s=9	dt= 7.7s XEN=831908
BCS	23:33	CaPeak.c/s=21	23:52	Qual= 4	FePeak=23:38	Rast=0"x0"	Cad=1.02s 1.024s/pixel
FCS							Pitch=-511", Yaw=+151"
UVSP							
Event # = 9804							
88/11/15, 00:03	DOY=320	SMM Pointing:		N33E08		Pitch=-487", Yaw=+120", Roll=0deg	H.Ang=31deg
Start	Peak						
GOES	23:53	Importance=C2	00:15	Qual=03		MaxkeV=74	
HXRBS	23:55:33	Peak...c/s=86	23:56:20	Qual=01	Tot Cts=438	FePeak.c/s=6	dt= 7.7s XEN=831909
BCS	23:56	CaPeak.c/s=18	23:58	Qual= 5	FePeak=23:57	Rast=0"x0"	Cad=1.02s 1.024s/pixel
FCS						Rast=10"x10"	Pitch=-509", Yaw=+150"
UVSP	00:00	Wavelength=1375A		Code=00	Exp # = 77610		
Event # = 9805							
88/11/15, 02:52	DOY=320	SMM Pointing:		N33E07		Pitch=-488", Yaw=+96", Roll=0deg	H.Ang=31deg
Start	Peak						
Optical						Mac.=FKI	H.Ang=79deg
GOES	02:38	Ha...Class=SF	03:40	N82E05	AR5229		
HXRBS	02:44:02	Importance=C4	02:53:03	Qual=03			
BCS	02:43	Peak...c/s=65	03:18	Qual=01	Tot Cts=2962	MaxkeV=74	dt= 3.8s XEN=832001
FCS		CaPeak.c/s=206		Qual= 1	FePeak=02:50	FePeak.c/s=39	Cad= 332s 1.024s/pixel
UVSP	02:41	Wavelength=1375A		Code=00	Exp # = 77630	Rast=180"x180"	Pitch=-469", Yaw=+70"
Radio Sweeps		III/1				Rast=10"x10"	
Event # = 9806							
88/11/15, 10:54	DOY=320	SMM Pointing:		N33E03		Pitch=-488", Yaw=+38", Roll=0deg	H.Ang=30deg
Start	Peak						
GOES	10:49	Importance=C2	10:58	Qual=01		MaxkeV=200	Flags=M5,FS
HXRBS	10:50:59	Peak...c/s=605	11:02:11	Qual=01	Tot Cts=11942	FePeak.c/s=56	#Peaks=2 dt= 7.7s XEN=832002
BCS	10:52	CaPeak.c/s=280	11:07	Qual= 1	FePeak=11:02	Rast=240"x240"	Cad= 590s 1.024s/pixel
FCS						Rast=180"x1"	Pitch=-353", Yaw=-39"
UVSP	11:01	Wavelength=2788A		Code=02	Exp # = 77679		



Event # = 10296									
88/11/15, 23:12		Start	DOY=320	Peak	SMM Pointing:		N33W04	Pitch=-490", Yaw=-55", Roll=0deg	
							Qual=00	H. Ang=30deg	
GOES	23:11:55	23:12:08	23:12:29	End times	Peak...c/s=77		Qual=01	Flags=I	
HXRBS	22:59				Wavelength=1375A			Step=0"	
UVSP					245/330			Pitch=-530", Yaw=-36"	
Radio	Frequency (MHz)/Flux(sfu):								
88/11/16 DOY=321									
Event # = 10298									
88/11/16, 03:08		Start	DOY=321	Peak	SMM Pointing:		N33W05	Pitch=-490", Yaw=-78", Roll=0deg	
								H. Ang=31deg	
Optical				End times	Ha...Class=SF		N20E44	H. Ang=46deg	
GOES	02:28	03:08	03:28		Importance=C4		Qual=02	Mac.=BX0	
HXRBS	02:29:02	02:29:11	02:30:52		Peak...c/s=86		Qual=01	Carr. Lon.=308deg	
BCS	02:30	02:41	02:45		CaPeak.c/s=132		Qual=2	MaxkeV=75	
FCS					Wavelength=1375A			FePeak.c/s=19	
UVSP	03:24						Exp #=77752	dt= 7.7s	
XEN=832116									
Cad= 590s									
Pitch=-482", Yaw=-77"									
88/11/16 DOY=321									
Event # = 10300									
88/11/16, 03:33		Start	DOY=321	Peak	SMM Pointing:		N33W06	Pitch=-490", Yaw=-89", Roll=0deg	
								H. Ang=31deg	
Optical				End times	Ha...Class=1F		N33W05	H. Ang=31deg	
GOES	03:29	03:33	03:49		Importance=C4		Qual=01	Mac.=FKI	
HXRBS	03:29:24	03:30:28	03:31:06		Peak...c/s=80		Qual=01	Carr. Lon.=357deg	
BCS	03:30	03:34	03:36		CaPeak.c/s=68		Qual=1	MaxkeV=75	
FCS					Wavelength=1375A			FePeak.c/s=13	
UVSP	03:28						Exp #=77755	dt= 3.8s	
XEN=832100									
Cad= 26s									
Pitch=-480", Yaw=-9"									
88/11/16 DOY=321									
Event # = 10396									
88/11/16, 04:13		Start	DOY=321	Peak	SMM Pointing:		N33W06	Pitch=-490", Yaw=-89", Roll=0deg	
								H. Ang=31deg	
Optical				End times	Ha...Class=1B		N33W13	H. Ang=33deg	
GOES	04:01	04:13	05:01		Importance=M5		Qual=03	Mac.=FKI	
HXRBS	04:08:43	04:09:47	04:18:06		Peak...c/s=4343		Qual=03	Carr. Lon.=4deg	
GRS	04:09:00		04:10:00		CaPeak.c/s=20		Qual=4	Flags=I, EN	
BCS	04:04	04:05	04:07		Wavelength=1375A			Dur=60sec	
FCS					15400/210			dt= 7.7s	
UVSP	04:08						Exp #=77764	XEN=832102	
Radio	Frequency (MHz)/Flux(sfu):							Cad= 590s	
Pitch=-495", Yaw=+16"									
88/11/16 DOY=321									
Event # = 10304									
88/11/16, 04:56		Start	DOY=321	Peak	SMM Pointing:		N33W07	Pitch=-490", Yaw=-101", Roll=0deg	
								H. Ang=31deg	
GOES	04:56:05	04:56:22	04:56:40	End times	Peak...c/s=67		Qual=00	MaxkeV=75	
HXRBS	04:56:05	04:56:22	04:56:40		Wavelength=1375A		Qual=01	Rast=265"x265"	
UVSP	04:58						Exp #=77765	Step=5"	
Pitch=-482", Yaw=-89"									
88/11/16 DOY=321									
Event # = 10305									
88/11/16, 05:04		Start	DOY=321	Peak	SMM Pointing:		N33W07	Pitch=-490", Yaw=-101", Roll=0deg	
								H. Ang=31deg	
GOES	05:00	05:04	05:24	End times	Importance=M1		Qual=03	MaxkeV=138	
HXRBS	05:01:46	05:03:02	05:05:05		Peak...c/s=298		Qual=01	FePeak.c/s=8	
BCS	04:56	04:57	05:38		CaPeak.c/s=120		Qual=4	Rast=300"x240"	
FCS					Wavelength=1375A			dt= 3.8s	
UVSP	05:01						Exp #=77768	Cad= 328s	
XEN=832103									
Pitch=-490", Yaw=+9"									

Event # = 10393									
88/11/16, 05:33	Start	DOY=321	End times	SMM Pointing:	N33W07			Pitch=-490", Yaw=-101", Roll=0deg	H. Ang=31deg
	Peak								
GOES 05:33:00	05:33:24	05:33:35		Peak...c/s=101	Qual=00			MaxkeV=106	Flags=I
HXRBS 05:29				Wavelength=1375A	Qual=01	Tot Cts=507		Rast=10"x10"	Step=0"
UVSP						Exp #=77774		Pitch=-496", Yaw=+1"	
Event # = 10394									
88/11/16, 06:34	Start	DOY=321	End times	SMM Pointing:	N33W08			Pitch=-489", Yaw=-113", Roll=0deg	H. Ang=31deg
	Peak								
Optical 06:24	06:34	07:07		Ha...Class=1B	N32W00	AR5229		Mac.=FKI	Carr. Lon.=350deg
GOES 06:28:27	06:29:53	06:38:23		Importance=M2	Qual=04				H. Ang=29deg
HXRBS 06:29	06:32	06:50		Peak...c/s=596	Qual=01	Tot Cts=33384		MaxkeV=106	Flags=I
BCS				CaPeak.c/s=1351	Qual=1	FePeak=06:32		FePeak.c/s=334	#Peaks=1
FCS								Rast=300"x240"	dt= 3.8s XEN=832104
UVSP 06:31				Wavelength=1375A	Code=00	Exp #=77778		Rast=265"x265"	Cad= 328s 1.024s/pixel
Radio Sweeps				Type/Intensity:				Pitch=-483", Yaw=-100"	
Radio Frequency (MHz)/Flux(sfu):				111/3					
				410/84 1415/210 2695/230 8800/17					
BCS 06:50	06:50	06:57		CaPeak.c/s=57	Qual= 5	FePeak=06:50		FePeak.c/s=11	#Peaks=1
FCS								Rast=240"x240"	dt= 7.7s XEN=832105
UVSP 06:48				Wavelength=1375A		Exp #=77784		Rast=10"x10"	Cad= 590s 1.024s/pixel
								Pitch=-491", Yaw=-14"	
Event # = 10397									
88/11/16, 08:56	Start	DOY=321	End times	SMM Pointing:	N33W09			Pitch=-129", Yaw=+489", Roll=90deg	H. Ang=31deg
	Peak								
GOES 08:30	08:56	09:15		Importance=C5	Qual=03			MaxkeV=138	Flags=I
HXRBS 08:47:13	08:47:30	08:50:28		Peak...c/s=206	Qual=01	Tot Cts=5790		FePeak.c/s=7	#Peaks=1
BCS 08:49	08:50	08:52		CaPeak.c/s=20	Qual= 4	FePeak=08:49		Rast=115"x115"	dt= 7.7s XEN=832106
FCS								Rast=243"x243"	Cad=1083s 2.048s/pixel
UVSP 08:29				Wavelength=2788A	Code=00	Exp #=77791		Pitch=-120", Yaw=+502"	
Radio Sweeps				Type/Intensity:					
				111/3					
Event # = 9810									
88/11/16, 11:53	Start	DOY=321	End times	SMM Pointing:	N33W11			Pitch=-490", Yaw=-151", Roll=0deg	H. Ang=32deg
	Peak								
Optical 11:50	11:53	12:05		Ha...Class=1F	S24W61	AR5227		Mac.=EAI	Carr. Lon.=48deg
GOES 11:51:13	11:51:57	11:58:55		Importance=C8	Qual=01				H. Ang=65deg
HXRBS 12:03				Peak...c/s=4548	Qual=01	Tot Cts=53320		MaxkeV=236	Flags=M5
UVSP				Wavelength=2788A		Exp #=77795		Rast=180"x1"	Step=0"
								Pitch=-356", Yaw=+32"	
Event # = 22014									
88/11/16, 12:43	Start	DOY=321	End times						
	Peak								
GOES 12:33	12:43	12:52		Importance=C3	Qual=05	FePeak=12:45		FePeak.c/s=7	#Peaks=1
BCS 12:45	12:45	12:48		CaPeak.c/s=32	Qual= 5	Exp #=77796		Rast=0"x0"	dt= 7.7s XEN=832107
FCS								Rast=180"x1"	Cad=1.02s 1.024s/pixel
UVSP 12:37				Wavelength=2788A	Code=00			Pitch=-356", Yaw=+28"	
Radio Frequency (MHz)/Flux(sfu):				245/310					

Event # = 9811	DOY=321	SMM Pointing:	N33W14	Pitch=-492", Yaw=-202", Roll=0deg	H.Ang=33deg
88/11/16, 14:24	Peak	End times			
Optical				Mac.=FKI	Carr.Lon.=348deg
GOES 14:20	14:24	Ha...Class=1N	N31W02	MaxkeV=138	dt= 7.7s
GOES 14:22:04	14:23:00	Importance=C5	Qual=01	FePeak.c/s=10	XEN=832108
HXRBS 14:22:04	14:24:13	Peak...c/s=302	Qual=01	Rast=0"x0"	Cad=1.02s
BCS 14:18	14:23	CaPeak.c/s=39	Qual= 1	Step=0"	1.024s/pixel
FCS				Pitch=-358", Yaw=-16"	
UVSP 14:11		Wavelength=2788A	Code=01	Exp #=77798	
Event # = 9812	DOY=321	SMM Pointing:	N33W14	Pitch=-492", Yaw=-202", Roll=0deg	H.Ang=33deg
88/11/16, 14:34	Peak	End times			
Optical				Mac.=FKI	Carr.Lon.=348deg
GOES 14:30	14:34	Ha...Class=1N	N31W02	MaxkeV=75	dt= 3.8s
GOES 14:31:51	14:32:48	Importance=M1	Qual=02	FePeak.c/s=17	XEN=832109
HXRBS 14:31:51	14:33:07	Peak...c/s=79	Qual=11	Rast=300"x240"	Cad= 328s
BCS 14:30	15:04	CaPeak.c/s=80	Qual= 2	Step=15"	1.024s/pixel
FCS				Pitch=-358", Yaw=-16"	
UVSP 14:11		Wavelength=2788A		Exp #=77798	
Event # = 9813	DOY=321	SMM Pointing:	N33W15	Pitch=-492", Yaw=-215", Roll=0deg	H.Ang=34deg
88/11/16, 16:05	Peak	End times			
Optical				Mac.=EAI	Carr.Lon.=45deg
GOES 16:02	16:05	Ha...Class=SF	S24W60	MaxkeV=75	
GOES 16:04:13	16:04:33	Importance=C3	Qual=01	Rast=180"x1"	Pitch=-358", Yaw=-27"
HXRBS 16:04:13	16:04:52	Peak...c/s=126	Qual=01	Step=0"	
UVSP 15:45		Wavelength=2788A	Code=01	Exp #=77800	
Event # = 9815	DOY=321	SMM Pointing:	N33W16	Pitch=-491", Yaw=-225", Roll=0deg	H.Ang=34deg
88/11/16, 17:40	Peak	End times			
Optical				Mac.=FKI	Carr.Lon.=351deg
GOES 17:27	17:40	Ha...Class=SN	N31W07	MaxkeV=75	dt= 7.7s
GOES 17:31:13	17:32:25	Importance=M1	Qual=03	FePeak.c/s=134	XEN=832110
HXRBS 17:31:13	17:39:24	Peak...c/s=103	Qual=01	Rast=180"x180"	Cad= 332s
BCS 17:29	17:37	CaPeak.c/s=643	Qual= 1	Step=10"	1.024s/pixel
FCS				Pitch=-359", Yaw=-39"	
UVSP 17:18		Wavelength=2788A		Exp #=77802	
			Associated	Event # = 9816	
HXRBS 17:27:36	17:27:40	Peak...c/s=59	Qual=01	Tot Cts=81	
Event # = 9817	DOY=321	SMM Pointing:	N33W16	Pitch=-491", Yaw=-225", Roll=0deg	H.Ang=34deg
88/11/16, 18:22	Peak	End times			
Optical				MackeV=75	dt= 7.7s
GOES 18:20	18:22	Importance=C3	Qual=02	FePeak.c/s=8	XEN=832111
GOES 18:21:34	18:22:06	Peak...c/s=63	Qual=01	Rast=300"x240"	Cad= 328s
HXRBS 18:21:34	18:22:10	CaPeak.c/s=25	Qual= 1	Step=0"	1.024s/pixel
BCS 18:19	18:21			Pitch=-359", Yaw=-46"	
FCS					
UVSP 18:17		Wavelength=2788A	Code=00	Exp #=77803	

Event # = 9814									
88/11/16, 19:15	Start	DOY=321	End times	SMM Pointing:	N33W16		Pitch=-491", Yaw=-225", Roll=0deg	H.Ang=34deg	
Optical									
GOES	18:59	19:15	19:38	Ha...Class=SF	N32W19	AR5229	Mac.=FKI	Carr. Lon.=2deg	H.Ang=34deg
HXRBS	18:58:58	18:59:09	18:59:20	Importance=C5	Qual=03				
BCS	19:09	19:13	19:54	Peak...c/s=74	Qual=01	Tot Cts=292	MaxkeV=75	#Peaks=1	dt= 3.8s
FCS				CaPeak.c/s=122	Qual= 1	FePeak=19:12	FePeak.c/s=23	Step=15"	XEN=832112
UVSP	19:06			Wavelength=1375A	Code=00	Exp #=77807	Rast=300"x240"	Cad= 328s	1.024s/pixel
								Pitch=-484"	Yaw=-256"
Event # = 10437									
88/11/16, 20:47	Start	DOY=321	End times	SMM Pointing:	N33W18		Pitch=-493", Yaw=-247", Roll=0deg	H.Ang=35deg	
GOES									
HXRBS	20:47:37	20:47:49	20:48:03	Peak...c/s=100	Qual=00	Tot Cts=229	MaxkeV=106	Flags=I	
UVSP	20:39			Wavelength=1375A	Qual=01	Exp #=77817	Rast=10"x10"	Step=0"	Pitch=-524", Yaw=-137"
Event # = 22016									
88/11/16, 21:02	Start	DOY=321	End times						
GOES					Qual=00				
BCS	20:54	21:02	21:26	CaPeak.c/s=26	Qual= 1	FePeak=20:59	FePeak.c/s=8	#Peaks=1	dt= 7.7s
FCS						Exp #=77820	Rast=0"x0"	Step=0"	XEN=832113
UVSP	20:52			Wavelength=1375A			Rast=10"x10"	Step=0"	Cad=1.02s
								Pitch=-484"	Yaw=-118"
Event # = 10924									
88/11/16, 22:08	Start	DOY=321	End times	SMM Pointing:	N33W18		Pitch=-493", Yaw=-258", Roll=0deg	H.Ang=35deg	
GOES					Qual=00				
HXRBS	22:08:39	22:08:49	22:09:01	Peak...c/s=92	Qual=01	Tot Cts=191	MaxkeV=75	Flags=I	
UVSP	22:09			Wavelength=1375A		Exp #=77827	Rast=265"x265"	Step=5"	Pitch=-486", Yaw=-245"
Event # = 22017									
88/11/16, 22:39	Start	DOY=321	End times						
Optical									
GOES	22:37	22:39	23:00	Ha...Class=SF	N32W22	AR5229	Mac.=FKI	Carr. Lon.=3deg	H.Ang=36deg
BCS	22:07	22:38	22:47	Importance=C5	Qual=01				
FCS				CaPeak.c/s=73	Qual= 1	FePeak=22:37	FePeak.c/s=14	#Peaks=2	dt= 3.8s
UVSP	22:26			Wavelength=1375A	Code=00	Exp #=77833	Rast=300"x240"	Step=15"	XEN=832114
								Pitch=-499"	Yaw=-119"
Event # = 10925									
88/11/16, 23:50	Start	DOY=321	End times	SMM Pointing:	N33W19		Pitch=-493", Yaw=-269", Roll=0deg	H.Ang=35deg	
GOES	23:47	23:50	23:53	Importance=C2	Qual=01				
HXRBS	23:49:48	23:50:09	23:50:49	Peak...c/s=381	Qual=01	Tot Cts=3420	MaxkeV=138	Flags=I	dt= 7.7s
BCS	23:51	23:52	23:53	CaPeak.c/s=27	Qual= 4	FePeak=23:51	FePeak.c/s=9	#Peaks=1	XEN=832115
FCS						Exp #=77843	Rast=0"x0"	Step=0"	Cad=1.02s
UVSP	23:48			Wavelength=1375A	Code=00		Rast=10"x10"	Step=0"	Pitch=-499", Yaw=-129"
Radio				Frequency(MHz)/Flux(sfu):	8800/39 15400/100				

Event # = 10926		88/11/17		DOY=322	
88/11/17,00:05	DOY=322	SMM Pointing:		Pitch=-493",Yaw=-269",Roll=0deg	
Start	Peak	N33W19		H.Ang=35deg	
GOES 00:02	00:05	Importance=C3		MaxkeV=139	
GOES 00:02	00:05	Peak...c/s=295		FePeak.c/s=16	
GOES 00:02	00:05	CaPeak.c/s=68		Rast=300"x240"	
GOES 00:02	00:05	Wavelength=1375A		dt= 3.8s	
GOES 00:02	00:05	Type/Intensity:		#Peaks=1	
GOES 00:02	00:05	III/3		Step=15"	
GOES 00:02	00:05	Radio Frequency(MHz)/Flux(sfu):		Cad= 328s	
GOES 00:02	00:05	245/220 606/350 8800/34 15400/47		Pitch=-534",Yaw=-130"	
GOES 00:02	00:05	SMM Pointing:		Flags=I	
GOES 00:02	00:05	N33W19		XEN=832200	
GOES 00:02	00:05	Importance=C2		Rast=10"x10"	
GOES 00:02	00:05	Peak...c/s=723		dt= 3.8s	
GOES 00:02	00:05	CaPeak.c/s=51		#Peaks=1	
GOES 00:02	00:05	Wavelength=1375A		Step=15"	
GOES 00:02	00:05	Type/Intensity:		Cad= 328s	
GOES 00:02	00:05	III/3		Pitch=-534",Yaw=-130"	
GOES 00:02	00:05	Radio Frequency(MHz)/Flux(sfu):		Flags=I	
GOES 00:02	00:05	245/220 606/350 8800/34 15400/47		XEN=832200	
GOES 00:02	00:05	SMM Pointing:		Rast=10"x10"	
GOES 00:02	00:05	N33W19		dt= 3.8s	
GOES 00:02	00:05	Importance=C2		#Peaks=1	
GOES 00:02	00:05	Peak...c/s=723		Step=15"	
GOES 00:02	00:05	CaPeak.c/s=51		Cad= 328s	
GOES 00:02	00:05	Wavelength=1375A		Pitch=-534",Yaw=-130"	
GOES 00:02	00:05	Type/Intensity:		Flags=I	
GOES 00:02	00:05	III/3		XEN=832200	
GOES 00:02	00:05	Radio Frequency(MHz)/Flux(sfu):		Rast=10"x10"	
GOES 00:02	00:05	245/220 606/350 8800/34 15400/47		dt= 3.8s	
GOES 00:02	00:05	SMM Pointing:		#Peaks=1	
GOES 00:02	00:05	N33W19		Step=15"	
GOES 00:02	00:05	Importance=C2		Cad= 328s	
GOES 00:02	00:05	Peak...c/s=723		Pitch=-534",Yaw=-130"	
GOES 00:02	00:05	CaPeak.c/s=51		Flags=I	
GOES 00:02	00:05	Wavelength=1375A		XEN=832200	
GOES 00:02	00:05	Type/Intensity:		Rast=10"x10"	
GOES 00:02	00:05	III/3		dt= 3.8s	
GOES 00:02	00:05	Radio Frequency(MHz)/Flux(sfu):		#Peaks=1	
GOES 00:02	00:05	245/220 606/350 8800/34 15400/47		Step=15"	
GOES 00:02	00:05	SMM Pointing:		Cad= 328s	
GOES 00:02	00:05	N33W19		Pitch=-534",Yaw=-130"	
GOES 00:02	00:05	Importance=C2		Flags=I	
GOES 00:02	00:05	Peak...c/s=723		XEN=832200	
GOES 00:02	00:05	CaPeak.c/s=51		Rast=10"x10"	
GOES 00:02	00:05	Wavelength=1375A		dt= 3.8s	
GOES 00:02	00:05	Type/Intensity:		#Peaks=1	
GOES 00:02	00:05	III/3		Step=15"	
GOES 00:02	00:05	Radio Frequency(MHz)/Flux(sfu):		Cad= 328s	
GOES 00:02	00:05	245/220 606/350 8800/34 15400/47		Pitch=-534",Yaw=-130"	



Event # = 10931												
88/11/17, 06:41	DOY=322	SMM Pointing:		N33W23	Pitch=-494", Yaw=-313", Roll=0deg		H.Ang=37deg					
Start	Peak											
GOES 06:36	06:41	06:56	End times									
HXRBS 06:37:04	06:38:59	06:41:20		Qual=03								
BCS 05:56	06:41	06:53		Importance=C5								
FCS				Peak...c/s=605								
UVSP 06:29				CaPeak.c/s=243								
Radio Sweeps	Type/Intensity:											
Radio Frequency (MHz)/Flux(sfu):	245/1900	410/1300	606/160	1415/540	2695/75							
Event # = 9818												
88/11/17, 11:22	DOY=322	SMM Pointing:		N33W25	Pitch=-495", Yaw=-345", Roll=0deg		H.Ang=38deg					
Start	Peak											
Optical												
GOES 11:18	11:22	11:28	End times									
HXRBS 11:18:51	11:20:17	11:21:09		Ha...Class=SN								
BCS 11:20	11:21	11:26		Importance=C3								
FCS				Peak...c/s=177								
UVSP 11:30				CaPeak.c/s=76								
				Wavelength=2788A								
Event # = 22018												
88/11/17, 13:06	DOY=322	SMM Pointing:		N33W25	Pitch=-495", Yaw=-345", Roll=0deg		H.Ang=38deg					
Start	Peak											
Optical												
GOES 13:00	13:06	13:38	End times									
BCS 13:03	13:05	13:09		Ha...Class=SN								
FCS				Importance=C5								
UVSP 13:02				CaPeak.c/s=188								
				Wavelength=2788A								
Event # = 9823												
88/11/17, 13:52	DOY=322	SMM Pointing:		N33W27	Pitch=-497", Yaw=-366", Roll=0deg		H.Ang=39deg					
Start	Peak											
Optical												
GOES 13:39	13:52	14:50	End times									
HXRBS 13:44:18	13:45:32	13:46:23		Ha...Class=2B								
UVSP 13:38				Importance=C9								
				Peak...c/s=83								
				Wavelength=2788A								
Event # = 22019												
88/11/17, 16:06	DOY=322	SMM Pointing:		N33W27	Pitch=-497", Yaw=-366", Roll=0deg		H.Ang=39deg					
Start	Peak											
GOES 15:36	16:06	16:12	End times									
BCS 15:36	16:06	16:12		Ha...Class=2B								
FCS				Importance=C9								
UVSP 16:11				CaPeak.c/s=39								
				Wavelength=2788A								
Event # = 22020												
88/11/17, 18:38	DOY=322	SMM Pointing:		N31W33	Pitch=-495", Yaw=-345", Roll=0deg		H.Ang=42deg					
Start	Peak											
Optical												
GOES 18:32	18:38	18:57	End times									
BCS 18:34	18:36	18:54		Ha...Class=SF								
FCS				Importance=C3								
UVSP 18:20				CaPeak.c/s=78								
				Wavelength=2788A								

Event # = 22021	DOY=322	Start	End times	Ha....Class=SF	N31W33	AR5229	Mac.=FAI	Carr. Lon.=1deg	H. Ang=42deg
88/11/17, 23:08	Peak			Importance=C2	Qual=04	FePeak=23:09	FePeak.c/s=7	#Peaks=1	XEN=832209
Optical				CaPeak.c/s=35	Qual= 4		Rast=0"x0"	Step=0"	1.024s/pixel
G0ES 23:00			23:30				Rast=265"x265"	Step=5"	Pitch=-491", Yaw=-385"
BCS 23:08			23:17						
FCS									
UVSP 23:11				Wavelength=1375A	Code=02	Exp #=77946			
88/11/18 DOY=323									
Event # = 9825	DOY=323	Start	End times	SMM Pointing:	N33W30		Pitch=-498", Yaw=-408", Roll=0deg		H. Ang=41deg
88/11/18, 00:45	Peak								
G0ES					Qual=00		MaxkeV=77		
HXRBS 00:45:08			00:45:30	Peak...c/s=51	Qual=01	Tot Cts=113	Rast=265"x265"	Step=5"	Pitch=-491", Yaw=-395"
UVSP 00:45				Wavelength=1375A		Exp #=77959			
88/11/18, 02:58 DOY=323									
Event # = 22022	DOY=323	Start	End times	Ha....Class=SF	N29W34	AR5229	Mac.=FAI	Carr. Lon.=360deg	H. Ang=42deg
88/11/18, 02:58	Peak			Importance=C3	Qual=01		FePeak.c/s=7	#Peaks=2	XEN=832300
Optical				CaPeak.c/s=29	Qual= 1	FePeak=02:54	Rast=0"x0"	Step=0"	1.024s/pixel
G0ES 02:46			03:04				Rast=10"x10"	Step=0"	Pitch=-464", Yaw=-430"
BCS 02:36			03:12						
FCS									
UVSP 02:49				Wavelength=1375A	Code=00	Exp #=77981			
88/11/18, 04:32 DOY=323									
Event # = 9826	DOY=323	Start	End times	SMM Pointing:	N33W32		Pitch=-499", Yaw=-428", Roll=0deg		H. Ang=43deg
88/11/18, 04:32	Peak			Importance=C1	Qual=01		MaxkeV=77		
G0ES 04:31			04:33				Rast=10"x10"	Step=0"	Pitch=-539", Yaw=-350"
HXRBS 04:32:03			04:32:23			Tot Cts=124			
UVSP 04:21				Wavelength=1375A	Code=00	Exp #=77994			
88/11/18, 09:01 DOY=323									
Event # = 9827	DOY=323	Start	End times	SMM Pointing:	N33W34		Pitch=-500", Yaw=-458", Roll=0deg		H. Ang=44deg
88/11/18, 09:01	Peak			Peak...c/s=66	Qual=00		MaxkeV=77		
G0ES 09:00:59			09:01:35	Wavelength=2788A	Qual=01	Tot Cts=208	Rast=180"x1"	Step=0"	Pitch=-365", Yaw=-277"
HXRBS 09:02						Exp #=78013			
UVSP									
88/11/18, 14:11 DOY=323									
Event # = 10932	DOY=323	Start	End times	SMM Pointing:	N33W37		Pitch=-500", Yaw=-489", Roll=0deg		H. Ang=46deg
88/11/18, 14:11	Peak			Ha....Class=SN	N32W44	AR5229	Mac.=FAI	Carr. Lon.=4deg	H. Ang=51deg
Optical				Importance=C2	Qual=02		MaxkeV=77	Flags=I	
G0ES 14:04			14:16	Peak...c/s=68	Qual=01	Tot Cts=353	Rast=180"x1"	Step=0"	Pitch=-366", Yaw=-306"
HXRBS 14:03:56			14:05:26			Exp #=78019			
UVSP 14:04				Wavelength=2788A	Code=00				

Event # = 9829									
88/11/18, 19:48	Start	DOY=323	Peak	SMM Pointing:		N33W40	Pitch=-503", Yaw=-522", Roll=0deg		
Optical				Ha...Class=IN				Mac.=FAI	Carr. Lon.=4deg
GOES	19:44	19:48	20:18	Importance=C7		Qual=01	AR5229		H. Ang=53deg
HXRBS	19:43:08	19:44:02	19:46:23	Peak...c/s=565		Qual=01	Tot Cts=20930	MaxkeV=141	Flags=M5
BCS	19:44	19:47	20:12	CaPeak.c/s=246		Qual=1	FePeak=19:46	FePeak.c/s=62	#Peaks=1
FCS								Rast=300"x240"	dt= 3.8s
UVSP	19:46			Wavelength=1375A		Code=00	Exp #=78032	Rast=10"x10"	Cad= 328s
								Step=0"	Pitch=-494", Yaw=-443"
Event # = 9830									
88/11/18, 23:19	Start	DOY=323	Peak	SMM Pointing:		N33W42	Pitch=-503", Yaw=-542", Roll=0deg		
Optical				Ha...Class=SF		N25W70	AR5242	Mac.=DS0	Carr. Lon.=25deg
GOES	23:14	23:19	23:25	Importance=C1		Qual=01		MaxkeV=77	H. Ang=71deg
HXRBS	23:15:40	23:16:09	23:16:27	Peak...c/s=60		Qual=01	Tot Cts=237	Rast=10"x10"	Step=0"
UVSP	23:07			Wavelength=1375A		Code=00	Exp #=78061		Pitch=-494", Yaw=-587"
Event # = 22023									
88/11/19, 10:02	Start	DOY=324	Peak	SMM Pointing:		N33W51	Pitch=-509", Yaw=-631", Roll=0deg		
GOES	09:56	10:02	10:18	Importance=C2		Qual=04	FePeak=10:04	FePeak.c/s=9	#Peaks=1
BCS	10:04	10:04	10:08	CaPeak.c/s=23		Qual=5		Rast=0"x0"	dt= 7.7s
FCS								Rast=180"x1"	Cad=1.02s
UVSP	10:22			Wavelength=2788A			Exp #=78129		Pitch=-372", Yaw=-417"
Event # = 9831									
88/11/19, 17:38	Start	DOY=324	Peak	SMM Pointing:		N33W51	Pitch=-509", Yaw=-631", Roll=0deg		
GOES	17:37	17:38	17:41	Importance=C3		Qual=01		MaxkeV=78	H. Ang=56deg
HXRBS	17:37:39	17:37:46	17:38:57	Peak...c/s=61		Qual=01	Tot Cts=465	Rast=180"x1"	Step=0"
UVSP	17:12			Wavelength=2788A			Exp #=78138		Pitch=-375", Yaw=-450"
Event # = 9832									
88/11/19, 22:18	Start	DOY=324	Peak	SMM Pointing:		N33W53	Pitch=-510", Yaw=-653", Roll=0deg		
Optical				Ha...Class=SF		N24W01	AR5240	Mac.=DAI	Carr. Lon.=303deg
GOES	22:15	22:18	22:30	Importance=C2		Qual=01		MaxkeV=78	H. Ang=22deg
HXRBS	22:15:28	22:15:44	22:16:47	Peak...c/s=80		Qual=01	Tot Cts=996	Rast=10"x10"	Step=0"
UVSP	22:07			Wavelength=1375A		Code=00	Exp #=78158		Pitch=-535", Yaw=-746"
Radio Sweeps				Type/Intensity: 111/2					
Event # = 9833									
88/11/20, 01:23	Start	DOY=325	Peak	SMM Pointing:		N33W54	Pitch=-510", Yaw=-664", Roll=0deg		
Optical				Ha...Class=SN		N28W90	AR5242	Mac.=CS0	Carr. Lon.=30deg
GOES	01:18	01:23	01:30	Importance=C2		Qual=01		MaxkeV=80	H. Ang=89deg
HXRBS	01:17:35	01:18:50	01:19:23	Peak...c/s=61		Qual=01	Tot Cts=588	Rast=10"x10"	Step=0"
UVSP	01:14			Wavelength=1375A		Code=00	Exp #=78184		Pitch=-536", Yaw=-750"

Event # = 9834	DOY=325	SMM Pointing:	N33W60	Pitch=-513", Yaw=-708", Roll=0deg	H. Ang=64deg
88/11/20, 11:10	Peak	End times			
GOES 11:07	11:10	11:12	Qual=01		
HXRBS 11:10:27	11:10:35	11:10:46	Importance=87		
UVSP 11:24			Peak...c/s=72		
			Wavelength=2788A		
				Tot Cts=87	
				Exp #=78242	
				MaxkeV=80	
				Rast=180"x1"	
				Step=0"	
				Pitch=-379"	
				Yaw=-526"	
Event # = 22024	DOY=325	SMM Pointing:	N13W36		
88/11/20, 14:20	Peak	End times			
Optical 14:15	14:20	14:29	Ha...Class=SN		
GOES 14:21	14:21	14:28	Importance=C6		
BCS 14:21			CaPeak.c/s=56		
FCS 14:31			Wavelength=2788A		
UVSP 14:31			Type/Intensity: V/3		
Radio Sweeps			Frequency(MHz)/Flux(sfu): 245/160 2695/81 4995/110		
Mac.=CA0	AR5235				
Carr. Lon.=329deg					
H. Ang=37deg					
#Peaks=1					
dt= 3.8s					
XEN=832500					
Cad= 328s					
1.024s/pixel					
Step=0"					
Pitch=-380"					
Yaw=-537"					
Event # = 22025	DOY=325	SMM Pointing:	N36W57		
88/11/20, 14:33	Peak	End times			
Optical 14:29	14:33	14:52	Ha...Class=SF		
GOES 14:32	14:33	14:35	Importance=C2		
BCS 14:32			CaPeak.c/s=24		
FCS 14:31			Wavelength=2788A		
UVSP 14:31			Code=00		
Mac.=FAI	AR5229				
Carr. Lon.=350deg					
H. Ang=62deg					
#Peaks=1					
dt= 7.7s					
XEN=832501					
Cad= 590s					
1.024s/pixel					
Step=0"					
Pitch=-380"					
Yaw=-537"					
Event # = 22026	DOY=325	SMM Pointing:	N13W41		
88/11/20, 22:16	Peak	End times			
Optical 22:00	22:16	22:43	Ha...Class=SF		
GOES 22:11	22:13	22:19	Importance=C3		
BCS 22:11			CaPeak.c/s=31		
FCS 22:14			Wavelength=1375A		
UVSP 22:14			Code=00		
Radio Sweeps			8800/22 15400/84		
Mac.=CA0	AR5235				
Carr. Lon.=330deg					
H. Ang=42deg					
#Peaks=1					
dt= 7.7s					
XEN=832502					
Cad= 1.02s					
1.024s/pixel					
Step=0"					
Pitch=-538"					
Yaw=-721"					
Event # = 9835	DOY=325	SMM Pointing:	N33W67		
88/11/20, 23:26	Peak	End times			
GOES 23:22	23:26	23:30	Importance=C2		
HXRBS 23:25:38	23:25:52	23:26:30	Peak...c/s=56		
UVSP 23:20			Wavelength=1375A		
Radio Sweeps			111/2		
Radio Frequency(MHz)/Flux(sfu):			245/37		
Pitch=-517", Yaw=-751", Roll=0deg					
H. Ang=70deg					
MaxkeV=114					
Rast=10"x10"					
Step=0"					
Pitch=-538"					
Yaw=-724"					
Event # = 9837	DOY=325	SMM Pointing:	N33W67		
88/11/20, 23:52	Peak	End times			
GOES 23:44	23:52	00:00	Importance=C4		
HXRBS 23:48:03	23:49:01	23:49:44	Peak...c/s=87		
BCS 23:48	23:51	23:59	CaPeak.c/s=56		
FCS 23:48			Wavelength=1375A		
UVSP 23:48			Code=00		
Pitch=-517", Yaw=-751", Roll=0deg					
H. Ang=70deg					
MaxkeV=114					
FePeak.c/s=22					
#Peaks=1					
dt= 3.8s					
XEN=832503					
Cad= 590s					
1.024s/pixel					
Step=0"					
Pitch=-543"					
Yaw=-795"					

Associated Event # = 9836  
 HXRBS 23:46:21 23:46:45 23:47:02 Peak...c/s=48 Qual=01 Tot Cts=249  
 Wavelength=1375A Exp #=78277  
 UVP 23:35 Type/Intensity: III/2 Step=0" Pitch=-533", Yaw=-725"  
 Radio Sweeps MaxkeV=80 Rast=10"x10"  
 HXRBS 23:50:46 23:51:02 23:52:00 Peak...c/s=44 Qual=01 Tot Cts=276  
 MaxkeV=80

88/11/21 DOY=326

Event # = 9839  
 88/11/21 01:09 DOY=326  
 SMM Pointing: N33W67 Pitch=-517", Yaw=-751", Roll=0deg H.Ang=70deg  
 Start Peak End times  
 GOES 01:07 01:09 Importance=C2 Qual=01  
 HXRBS 01:07:29 01:07:40 01:07:59 Peak...c/s=212 Qual=01  
 BCS 01:08 01:09 CaPeak.c/s=26 Qual=1 Tot Cts=1906  
 FCS 01:08 01:09 FePeak.c/s=7 FePeak=01:08  
 UVP 01:08 01:09 Wavelength=1375A Code=00 Exp #=78290  
 Type/Intensity: III/2  
 Radio Frequency (MHz)/Flux(sfu): 245/62 2695/25  
 MaxkeV=153 dt= 7.7s XEN=832600  
 FePeak.c/s=7 Cad=1.02s 1.024s/pixel  
 Rast=0"x0" Step=0" Pitch=-493", Yaw=-759"  
 Rast=10"x10"

Event # = 22027  
 88/11/21 02:08 DOY=326  
 SMM Pointing: N33W69 Pitch=-518", Yaw=-761", Roll=0deg H.Ang=71deg  
 Start Peak End times  
 GOES 01:50 02:08 Importance=C4 Qual=05  
 BCS 02:09 02:09 CaPeak.c/s=44 Qual=5 FePeak=02:09  
 FCS 02:09 02:09 Wavelength=1375A Code=00 Exp #=78294  
 UVP 02:11  
 FePeak.c/s=11 dt= 7.7s XEN=832601  
 Rast=300"x240" Cad= 328s 1.024s/pixel  
 Rast=265"x265" Step=5" Pitch=-510", Yaw=-745"

Event # = 9840  
 88/11/21 03:01 DOY=326  
 SMM Pointing: N33W69 Pitch=-534", Yaw=-799"  
 Start Peak End times  
 GOES 03:00 03:01 Importance=C1 Qual=03  
 HXRBS 03:01:03 03:01:23 03:01:42 Peak...c/s=51 Qual=01 Tot Cts=301  
 UVP 02:56 Type/Intensity: III/2 Exp #=78306  
 Radio Sweeps  
 MaxkeV=84  
 Rast=10"x10"

Event # = 22028  
 88/11/21 04:06 DOY=326  
 SMM Pointing: N32W71 Carr.Lon.=357deg H.Ang=73deg  
 Start Peak End times  
 Optical 04:01 04:06 Ha...Class=SF N32W71 AR5229  
 GOES 04:01 04:06 Importance=C2 Qual=01  
 BCS 04:05 04:07 CaPeak.c/s=28 Qual=1 FePeak=04:06  
 FCS 04:05 04:07 Wavelength=1375A Code=00 Exp #=78308  
 UVP 03:50  
 Mac.=FAO  
 FePeak.c/s=14 dt= 7.7s XEN=832602  
 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel  
 Rast=110"x200" Step=5" Pitch=-539", Yaw=-778"

Event # = 22029  
 88/11/21 04:36 DOY=326  
 SMM Pointing: N32W71 Carr.Lon.=357deg H.Ang=73deg  
 Start Peak End times  
 GOES 04:30 04:36 Importance=C2 Qual=03  
 BCS 04:35 04:38 CaPeak.c/s=20 Qual=3 FePeak=04:35  
 FCS 04:35 04:38 Wavelength=1375A Code=00 Exp #=78312  
 UVP 04:28 Type/Intensity: III/2  
 Radio Sweeps  
 FePeak.c/s=9 dt= 7.7s XEN=832603  
 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel  
 Rast=110"x200" Step=5" Pitch=-499", Yaw=-779"



88/11/22 DOY=327									
Event # = 22032									
88/11/22,07:11 DOY=327									
Peak 07:11									
End times 08:09									
Importance=C3									
Qual=03									
Qual=1									
FePeak=07:09									
CaPeak.c/s=61									
Wavelength=1375A									
Code=00									
Exp #=78379									
FePeak.c/s=13									
#Peaks=1									
dt= 3.8s									
XEN=832700									
Step=0"									
Cad=1.02s									
1.024s/pixel									
Pitch=-542", Yaw=-825"									
Rast=110"x200"									
Step=5"									
Pitch=-341", Yaw=-583", Roll=0deg									
H. Ang=44deg									
Mac.=ESO									
Carr. Lon.=292deg									
H. Ang=36deg									
MaxkeV=87									
FePeak.c/s=17									
#Peaks=1									
dt= 3.8s									
XEN=832701									
Step=15"									
Cad= 328s									
1.024s/pixel									
Pitch=-207", Yaw=-404"									
Rast=180"x1"									
Step=0"									
FePeak.c/s=7									
#Peaks=1									
dt= 4.0s									
XEN=832702									
Step=15"									
Cad= 328s									
1.024s/pixel									
Pitch=-207", Yaw=-407"									
Rast=180"x1"									
Step=0"									
Pitch=-342", Yaw=-624", Roll=0deg									
H. Ang=47deg									
Mac.=EAI									
Carr. Lon.=307deg									
H. Ang=47deg									
MaxkeV=87									
FePeak.c/s=22									
#Peaks=1									
dt= 3.8s									
XEN=832703									
Step=10"									
Cad= 332s									
1.024s/pixel									
Pitch=-336", Yaw=-620"									
Rast=265"x265"									
Step=5"									
FePeak.c/s=9									
#Peaks=1									
dt= 3.8s									
XEN=832704									
Step=15"									
Cad= 328s									
1.024s/pixel									
Rast=300"x240"									
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Step=15"									
Cad= 328s									
1.024s/pixel									
Rast=300"x240"									
Step=15"									
Cad= 328s									
1.024s/pixel									
Rast=300"x240"									
Step=15"									
Cad= 328s									
1.024s/pixel									
Rast=300"x240"									
Step=15"									
Cad= 328s									
1.024s/pixel									
Rast=300"x240"									
Step=15"									
Cad= 328s									
1.024s/pixel									
Rast=300"x240"									
Step=15"									
Cad= 328s									
1.024s/pixel									
Rast=300"x240"									
Step=15"									
Cad= 328s									
1.024s/pixel									
Rast=300"x240"									
Step=15"									
Cad= 328s									
1.024s/pixel									
Rast=300"x240"									
Step=15"									
Cad= 328s									
1.024s/p									

Event # = 11048		88/11/25	D0Y=330		
88/11/25, 16:25	D0Y=330	SMM Pointing: N02400		Pitch=-2", Yaw=+1", Roll=0deg	H.Ang=0deg
Optical	End times			Mac.=HSX	Carr.Lon.=150deg
G0ES 16:21	16:25	Ha...Class=SF S17E76		AR5254	H.Ang=77deg
HXRBS 16:21:44	16:22:37	Importance=C4 Qual=03			
UVSP 16:24	16:24:13	Peak...c/s=99 Qual=01		Tot Cts=2670	
		Wavelength=2788A Code=00		Exp #=78619	
				Rast=180"x1"	Pitch=+20", Yaw=+24"
Event # = 9858		88/11/26	D0Y=331		
88/11/26, 09:38	D0Y=331	SMM Pointing: N22484		Pitch=-364", Yaw=-898", Roll=0deg	H.Ang=84deg
HXRBS 09:38:37	09:38:50	Peak...c/s=116 Qual=01		MaxkeV=359	Flags=NS,GB
UVSP 09:28	09:29:11	Wavelength=1375A		Rast=110"x200"	Step=5", Pitch=-380", Yaw=-917"
Event # = 22036		88/11/26	D0Y=331		
88/11/26, 12:10	D0Y=331				
G0ES 11:30	12:10	Importance=C3 Qual=04		FePeak.c/s=8	#Peaks=1 dt= 3.8s XEN=833100
BGS 11:51	11:57	CaPeak.c/s=60 Qual= 7		Rast=300"x240"	Step=15" Cad= 328s 1.024s/pixel
FCS				Rast=180"x1"	Step=0" Pitch=-230", Yaw=-717"
UVSP 11:44		Wavelength=2788A		Exp #=78659	
				Event # = 22037	
BGS 14:01	14:08	CaPeak.c/s=45 Qual= 4		FePeak.c/s=8	#Peaks=1 dt= 7.7s XEN=833101
FCS				Rast=0"x0"	Step=0" Cad=1.02s 1.024s/pixel
UVSP 14:16		Wavelength=2788A		Rast=180"x1"	Step=0" Pitch=-230", Yaw=-717"
				Exp #=78662	
Event # = 22038		88/11/26	D0Y=331		
88/11/26, 17:52	D0Y=331				
G0ES 17:47	17:52	Importance=C1 Qual=05		FePeak.c/s=11	#Peaks=1 dt= 7.7s XEN=833102
BGS 18:06	18:06	CaPeak.c/s=19 Qual= 5		Rast=0"x0"	Step=0" Cad=1.02s 1.024s/pixel
FCS				Rast=180"x1"	Step=0" Pitch=+176", Yaw=+702"
UVSP 18:00		Wavelength=2788A Code=02		Exp #=78667	
Event # = 9856		88/11/27	D0Y=332		
88/11/27, 23:42	D0Y=331	SMM Pointing: S17E53		Pitch=+297", Yaw=+744", Roll=0deg	H.Ang=55deg
Optical	End times			Mac.=DHO	Carr.Lon.=152deg
G0ES 23:25	23:42	Ha...Class=SF S17E57		AR5254	H.Ang=59deg
HXRBS 23:28:55	23:35:18	Importance=M1 Qual=03			
BGS 23:29	23:39	Peak...c/s=111 Qual=01		Tot Cts=22306	
FCS		CaPeak.c/s=1018 Qual= 1		FePeak=23:37	
UVSP 23:38		Wavelength=2788A Code=00		Exp #=78674	
Radio	Frequency(MHz)/Flux(sfu):	2695/23 8800/55 15400/68			
Event # = 22039		88/11/27	D0Y=332		
88/11/27, 01:13	D0Y=332				
G0ES 00:55	01:13	Importance=C3 Qual=03		FePeak.c/s=13	#Peaks=1 dt= 7.7s XEN=833200
BGS 01:12	01:13	CaPeak.c/s=20 Qual= 2		Rast=0"x0"	Step=0" Cad=1.02s 1.024s/pixel
UVSP 01:12		Wavelength=2788A Code=00		Rast=180"x1"	Step=0" Pitch=+177", Yaw=+664"





Event # = 22044									
88/11/27, 19:44	Start	DOY=332	Peak	End times					
Optical									
GOES	19:30	19:44	20:00	Ha...Class=SF	S18E48	AR5254	Mac.=DHI	Carr. Lon.=150deg	H. Ang=51deg
BCS	19:32	19:41	19:53	Importance=C2	Qual=01				
FCS				CaPeak.c/s=52	Qual=1	FePeak=19:42	FePeak.c/s=10	#Peaks=1	dt= 3.8s
UVSP	19:57			Wavelength=2788A		Exp #=78745	Rast=240"x240"	Step=10"	XEN=833205
							Rast=180"x1"	Pitch=0"	Cad= 590s
									1.024s/pixel
									Pitch=+178", Yaw=+551"
Event # = 9859									
88/11/27, 22:36	Start	DOY=332	Peak	End times					
Optical									
GOES	22:09	22:36	23:22	SMM Pointing:	S17E41	AR5254	Pitch=+300", Yaw=+606", Roll=0deg		H. Ang=44deg
HXRBS	22:11:50	22:14:56	22:52:23	Ha...Class=1B	S18E45		Mac.=DHI	Carr. Lon.=151deg	H. Ang=48deg
BCS	22:13	22:35	23:10	Importance=M7	Qual=01				
FCS				Peak...c/s=719	Qual=02	Tot Cts=3.61E+5	MaxkeV=184	Flags=M5, SN	
UVSP	22:07			CaPeak.c/s=4885	Qual=1	FePeak=22:32	FePeak.c/s=1822	#Peaks=2	dt= 7.7s
Radio				Wavelength=2788A		Exp #=78748	Rast=180"x180"	Step=10"	XEN=833206
Radio				Type/Intensity:			Rast=180"x1"	Cad= 332s	1.024s/pixel
				111/1				Pitch=0"	Pitch=+179", Yaw=+536"
				Frequency(MHz)/Flux(sfu):					
				245/480 410/200 606/49 2695/95 4995/69 8800/330 15400/170					
BCS	23:10	23:10	23:11	CaPeak.c/s=238	Qual= 5	FePeak=23:10	FePeak.c/s=19	#Peaks=1	dt= 7.7s
FCS				Wavelength=2788A		Exp #=78749	Rast=180"x180"	Step=10"	XEN=833207
UVSP	23:05						Rast=180"x1"	Pitch=0"	Cad= 332s
									1.024s/pixel
									Pitch=+179", Yaw=+530"
Event # = 22046									
88/11/27, 23:48	Start	DOY=332	Peak	End times					
GOES	23:47	23:48	00:44	CaPeak.c/s=62	Qual=00	FePeak=23:51	FePeak.c/s=14	#Peaks=1	dt= 3.8s
BCS				Wavelength=2788A		Exp #=78750	Rast=300"x240"	Step=15"	XEN=833208
FCS							Rast=180"x1"	Pitch=0"	Cad= 328s
UVSP	23:42								1.024s/pixel
									Pitch=+179", Yaw=+526"
Event # = 9860									
88/11/27, 23:59	Start	DOY=332	Peak	End times					
GOES	23:59:24	23:59:54	00:00:00	SMM Pointing:	S17E40		Pitch=+300", Yaw=+595", Roll=0deg		H. Ang=43deg
HXRBS	23:59:24	23:59:54	00:00:00	Importance=C2	Qual=00				
UVSP	23:42			CaPeak.c/s=53	Qual=01	Tot Cts=372	MaxkeV=100		
				Wavelength=2788A		Exp #=78750	Rast=180"x1"	Step=0"	Pitch=+179", Yaw=+526"
Event # = 22047									
88/11/28, 05:18	Start	DOY=333	Peak	End times					
GOES	05:04	05:18	05:47	Importance=C2	Qual=03	FePeak=05:18	FePeak.c/s=9	#Peaks=1	dt= 7.7s
BCS	05:12	05:19	05:25	CaPeak.c/s=44	Qual=1		Rast=300"x240"	Step=15"	XEN=833300
FCS				Wavelength=1375A	Code=00	Exp #=78775	Rast=10"x10"	Pitch=0"	Cad= 328s
UVSP	05:11								1.024s/pixel
									Pitch=+551", Yaw=-365"
Event # = 9863									
88/11/28, 05:23	Start	DOY=333	Peak	End times					
GOES	05:23:18	05:23:34	05:24:03	SMM Pointing:	S17E37		Pitch=+563", Yaw=-301", Roll=90deg		H. Ang=41deg
HXRBS	05:23:18	05:23:34	05:24:03	Peak...c/s=45	Qual=00	Tot Cts=165	MaxkeV=101		
UVSP	05:11			Wavelength=1375A	Qual=01	Exp #=78775	Rast=10"x10"	Step=0"	Pitch=+551", Yaw=-365"

Event # = 22048									
88/11/28, 07:48	Start	DOY=333	Peak	End times	Ha...Class=IN	S20E34	AR5254	Mac.=DSI	Carr. Lon.=157deg
Optical					Importance=C4	Qual=05			H.Ang=39deg
GOES	07:40	07:48	08:06		CaPeak.c/s=117	Qual= 5	FePeak=07:59	FePeak.c/s=9	dt= 3.8s
BCS	07:59	07:59	08:33					Rast=240"x240"	XEN=833301
FCS								Rast=265"x265"	Cad= 590s
UVSP	07:53				Wavelength=1375A	Code=02	Exp #=78789		Pitch=+308", Yaw=+551"
Event # = 9864									
88/11/28, 09:53	Start	DOY=333	Peak	End times	SMM Pointing:	S17E35		Pitch=+301", Yaw=+529", Roll=0deg	H.Ang=39deg
GOES					Peak...c/s=49	Qual=00			
HXRBS	09:53:29	09:53:45	09:53:47		Wavelength=1375A	Qual=01	Tot Cts=98	MaxkeV=101	
UVSP	09:49						Exp #=78805	Rast=10"x10"	Step=0"
88/11/29 DOY=334									
Event # = 22049									
88/11/29, 02:26	Start	DOY=334	Peak	End times	Importance=C4	Qual=01		FePeak=02:31	dt= 7.7s
GOES	02:22	02:26	02:43		CaPeak.c/s=36	Qual= 4		Rast=240"x240"	XEN=833400
BCS	02:29	02:31	02:35					Rast=243"x243"	Cad= 590s
FCS									Pitch=+308", Yaw=+408"
UVSP	02:24				Wavelength=2788A	Code=00	Exp #=78829		
Event # = 11074									
88/11/29, 13:52	Start	DOY=334	Peak	End times	SMM Pointing:	N01W00		Pitch=+0", Yaw=+0", Roll=0deg	H.Ang=0deg
Optical					Ha...Class=SF	S20E25	AR5254	Mac.=DSI	Carr. Lon.=150deg
GOES	13:50	13:52	13:54		Importance=B7	Qual=01			H.Ang=32deg
HXRBS	13:51:02	13:51:26	13:51:49		Peak...c/s=119	Qual=01	Tot Cts=769	MaxkeV=143	Flags=1
UVSP	14:07				Wavelength=2788A		Exp #=78889	Rast=180"x1"	Step=0"
Radio					Type/Intensity: 111/2				Pitch=+20", Yaw=+24"
Event # = 9866									
88/11/29, 19:56	Start	DOY=334	Peak	End times	SMM Pointing:	S17E16		Pitch=+300", Yaw=+254", Roll=0deg	H.Ang=24deg
GOES					Peak...c/s=41	Qual=00			
HXRBS	19:56:47	19:56:57	19:57:09		Wavelength=2788A	Qual=01	Tot Cts=61	MaxkeV=101	
UVSP	20:23						Exp #=78897	Rast=180"x1"	Step=0"
88/11/30 DOY=335									
Event # = 22050									
88/11/30, 01:21	Start	DOY=335	Peak	End times	Importance=C1	Qual=02		FePeak=01:10	dt= 7.7s
GOES	01:04	01:21	01:51		CaPeak.c/s=21	Qual= 4		Rast=0"x0"	XEN=833500
BCS	01:10	01:10	01:11					Rast=10"x10"	Cad=3840s
FCS									Pitch=+344", Yaw=+167"
UVSP	00:59				Wavelength=1375A	Code=01	Exp #=78925		



Event # = 11079									
88/12/01,19:08	DOY=336	Peak	SMM Pointing:	S17W10		Pitch=+296", Yaw=-160", Roll=0deg	H.Ang=20deg		
Optical		End times	Ha...Class=SN	N20E46		Mac.=CS0	Carr.Lon.=100deg	H.Ang=49deg	
GOES	19:04	19:08	Importance=C2	Qual=03					
HXRBS	19:05:16	19:05:39	Peak...c/s=58	Qual=01	Tot Cts=871	MaxkeV=101	Flags=I		
UVSP	19:14		Wavelength=2788A	Code=02	Exp #=79060	Rast=180"x1"	Pitch=+205", Yaw=-12"		
Event # = 22051									
88/12/01,23:46	DOY=336	Peak							
GOES	23:39	23:46	Importance=C1	Qual=01					
BGS	23:43	23:44	CaPeak.c/s=47	Qual=1	FePeak=23:44	FePeak.c/s=12	#Peaks=1	dt= 4.0s	XEN=833600
FCS						Rast=300"x240"	Step=15"	Cad= 328s	1.024s/pixel
UVSP	23:56		Wavelength=2788A		Exp #=79066	Rast=180"x1"	Step=0"	Pitch=+205", Yaw=-53"	
88/12/02 DOY=337									
Event # = 9871									
88/12/02,17:53	DOY=337	Peak	SMM Pointing:	S15E13		Pitch=+262", Yaw=+204", Roll=0deg	H.Ang=20deg		
Optical		End times	Ha...Class=SF	N18E38		Mac.=DSI	Carr.Lon.=95deg	H.Ang=41deg	
GOES	17:49	17:53	Importance=C2	Qual=01	AR5261				
HXRBS	17:50:31	17:51:01	Peak...c/s=55	Qual=01	Tot Cts=619	MaxkeV=101			
UVSP	17:41		Wavelength=2788A	Code=01	Exp #=79121	Rast=180"x1"	Step=0"	Pitch=+171", Yaw=+360"	
Event # = 22052									
88/12/02,20:16	DOY=337	Peak							
Optical		End times	Ha...Class=SF	S16E09		Mac.=DAO	Carr.Lon.=123deg	H.Ang=19deg	
GOES	20:09	20:16	Importance=C1	Qual=03	AR5262				
BGS	20:13	20:15	CaPeak.c/s=24	Qual=4	FePeak=20:13	FePeak.c/s=13	#Peaks=1	dt= 7.7s	XEN=833700
FCS						Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
UVSP	20:18		Wavelength=2788A	Code=02	Exp #=79124	Rast=180"x1"	Step=0"	Pitch=+171", Yaw=+337"	
88/12/03 DOY=338									
Event # = 9872									
88/12/03,20:04	DOY=338	Peak	SMM Pointing:	N19E26		Pitch=-310", Yaw=+408", Roll=0deg	H.Ang=32deg		
HXRBS	20:04:24	20:04:43	Peak...c/s=55	Qual=01	Tot Cts=285	MaxkeV=319	Flags=NS,GB		
UVSP	20:16		Wavelength=2788A		Exp #=79187	Rast=180"x1"	Step=0"	Pitch=-176", Yaw=+332"	
Event # = 9873									
88/12/03,21:06	DOY=338	Peak	SMM Pointing:	N19E26		Pitch=-310", Yaw=+398", Roll=0deg	H.Ang=31deg		
Optical		End times	Ha...Class=SN	N25E40					
GOES	21:03	21:06	Importance=C4	Qual=01	AR5265				
HXRBS	21:03:37	21:04:15	Peak...c/s=169	Qual=01	Tot Cts=4276	MaxkeV=143	Carr.Lon.=78deg	H.Ang=46deg	
UVSP	21:18		Wavelength=2788A		Exp #=79188	Rast=180"x1"	Step=0"	Pitch=-176", Yaw=+324"	
88/12/04 DOY=339									
Event # = 9874									
88/12/04,12:53	DOY=339	Peak	SMM Pointing:	N19E17		Pitch=-310", Yaw=+273", Roll=0deg	H.Ang=25deg		
GOES	12:48	12:53	Importance=C1	Qual=01					
HXRBS	12:50:08	12:50:19	Peak...c/s=107	Qual=01	Tot Cts=413	MaxkeV=143			
UVSP	12:55		Wavelength=2788A	Code=02	Exp #=79273	Rast=180"x1"	Step=0"	Pitch=-176", Yaw=+196"	

Event # = 11083		88/12/05	DOY=340			Pitch=-300",Yaw=+899",Roll=0deg	H.Ang=76deg
88/12/05,02:23	Peak	DOY=340		SMM Pointing:	N18E76		
G0ES 02:16	End times			Importance=C2	Qual=01		
HXRBS 02:19:38	03:00			Peak...c/s=47	Qual=01	Flags=I	
UVSP 02:11	02:20:09		Tot Cts=169	Wavelength=1375A	Code=00	Step=0"	Pitch=-311",Yaw=+883"
			Exp #=79315				
Event # = 9875		88/12/06	DOY=341				
88/12/06,11:12	Peak	DOY=341		SMM Pointing:	N21E54	Pitch=-355",Yaw=+733",Roll=0deg	H.Ang=57deg
Optical	End times			Ha...Class=SB		Mac.=BX0	Carr.Lon.=112deg
G0ES 11:05	11:12		AR5258	Importance=C3	Qual=01		H.Ang=31deg
HXRBS 11:08:16	11:24			Peak...c/s=45	Qual=01		
UVSP 10:48	11:09:43		Tot Cts=380	Wavelength=2788A		MaxkeV=101	
Radio	Frequency(MHz)/Flux(sfu):		Exp #=79462	245/300		Rast=180"x1"	Pitch=-221",Yaw=+658"
Event # = 9876		88/12/07	DOY=342				
88/12/07,00:04	Peak	DOY=342		SMM Pointing:	N22E46	Pitch=+652",Yaw=+357",Roll=90deg	H.Ang=50deg
G0ES	End times			Peak...c/s=49	Qual=00		
HXRBS 00:04:20	00:04:36		Tot Cts=123	Wavelength=1375A	Qual=01	MaxkeV=101	
UVSP 23:56	00:04:43		Exp #=79498			Rast=10"x10"	Pitch=-297"
Event # = 9877		88/12/07	DOY=342				
88/12/07,01:55	Peak	DOY=342		SMM Pointing:	N21E45	Pitch=-356",Yaw=+647",Roll=0deg	H.Ang=49deg
G0ES 01:50	End times			Importance=C1	Qual=03		
HXRBS 01:52:08	02:01			Peak...c/s=175	Qual=01		
UVSP 01:02	01:53:24		Tot Cts=1473	Wavelength=2788A	Code=00	MaxkeV=186	
			Exp #=79503			Rast=243"x243"	Pitch=-349",Yaw=+662"
Event # = 22053		88/12/07	DOY=342				
88/12/07,05:55	Peak	DOY=342		SMM Pointing:	N21E41	Pitch=-357",Yaw=+596",Roll=0deg	H.Ang=45deg
G0ES 05:42	End times			Importance=C3	Qual=04		
BCS 05:52	06:50			CaPeak.c/s=20	Qual= 4	FePeak.c/s=7	dt= 7.7s XEN=834200
UVSP 06:35	05:58		Exp #=79506	Wavelength=2788A		Rast=180"x1"	Cad=1.02s 1.024s/pixel
						Step=0"	Pitch=-222",Yaw=+545"
Event # = 9878		88/12/07	DOY=342				
88/12/07,09:33	Peak	DOY=342		SMM Pointing:	N21E41	Pitch=-357",Yaw=+596",Roll=0deg	H.Ang=45deg
G0ES 09:31	End times			Importance=B8	Qual=01		
HXRBS 09:31:23	09:40			Peak...c/s=43	Qual=01		
UVSP 09:42	09:31:32		Tot Cts=153	Wavelength=2788A	Code=02	MaxkeV=143	
Radio	Frequency(MHz)/Flux(sfu):		Exp #=79508	245/100		Rast=180"x1"	Pitch=-222",Yaw=+525"

Event # = 22054									
88/12/07 23:29	DOY=342	Peak	End times						
Optical				Ha...Class=SF	N16E84	AR5271			
GOES 23:25	23:29	23:32	23:33	Importance=C2	Qual=01				
BCS 23:27	23:28			CaPeak.c/s=43	Qual=1	FePeak=23:28			
FCS									
UVSP 23:24				Wavelength=1375A	Code=00	Exp #=79544			
Event # = 9879									
88/12/07 23:41	DOY=342	Peak	End times	SMM Pointing:	N15E86				
Optical									
GOES 23:32	23:41	23:50	23:41:42	Ha...Class=SF	S17W90	AR5254			
HXRBS 23:33:51	23:35:07			Importance=M1	Qual=01				
UVSP 23:37				Peak...c/s=60	Qual=01	Tot Cts=3011			
				Wavelength=1375A	Code=00	Exp #=79547			
88/12/08 DOY=343									
Event # = 9880									
88/12/08 14:30	DOY=343	Peak	End times	SMM Pointing:	N15E85				
GOES 14:29	14:30	14:31	14:31	Importance=C1	Qual=01				
HXRBS 14:29:30	14:29:48	14:29:56		Peak...c/s=64	Qual=01	Tot Cts=244			
UVSP 14:23				Wavelength=2788A	Code=00	Exp #=79561			
Radio Sweeps				V/1					
				Type/Intensity:					
Event # = 9881									
88/12/08 18:37	DOY=343	Peak	End times	SMM Pointing:	N15E85				
GOES 18:34	18:37	18:42	18:42	Importance=C1	Qual=03				
HXRBS 18:35:28	18:35:34	18:35:46		Peak...c/s=68	Qual=01	Tot Cts=201			
UVSP 18:35				Wavelength=2788A	Code=00	Exp #=79566			
Radio Sweeps				I11/2					
Radio				Type/Intensity:					
				Frequency(MHz)/Flux(sfu):	8800/120				
Event # = 9882									
88/12/08 19:28	DOY=343	Peak	End times	SMM Pointing:	N15E85				
GOES 19:07	19:28	19:33	19:33	Importance=C1	Qual=01				
HXRBS 19:13:02	19:13:10	19:13:45		Peak...c/s=44	Qual=01	Tot Cts=235			
UVSP 19:27				Wavelength=1375A	Code=00	Exp #=79569			
Radio Sweeps				V/1					
				Type/Intensity:					
Event # = 9883									
88/12/08 20:06	DOY=343	Peak	End times	SMM Pointing:	N15E85				
Optical									
GOES 19:59	20:06	20:14	20:14	Ha...Class=SF	N19E20	AR5265			
HXRBS 20:00:40	20:00:52	20:01:05		Importance=C5	Qual=02				
UVSP 20:03				Peak...c/s=61	Qual=01	Tot Cts=233			
Radio				Wavelength=1375A	Code=01	Exp #=79573			
				Frequency(MHz)/Flux(sfu):	245/610 410/150 606/220				

88/12/09 DOY=344													
Event # = 11089		88/12/09, 03:20		DOY=344		SMM Pointing:		N15E85		Pitch=-250", Yaw=+940", Roll=0deg		H. Ang=85deg	
Optical		Start		Peak		End times							
GOES		03:16		03:20		03:40		Ha...Class=1N		N21E20		Mac.=DA0	
HXRBS		03:16:05		03:16:42		03:22:19		Importance=M2		Qual=01		Carr. Lon.=29deg	
UVSP		02:52						Peak...c/s=1907		Qual=01		H. Ang=29deg	
Radio		Sweeps		Type/Intensity:		WaveLength=2788A		Tot Cts=39100		MaxkeV=274		Flags=I	
Radio		Frequency (MHz)/Flux(sfu):		245/250 410/270 606/1500 2695/64 4995/97 8800/190 15400/340				Exp # = 79615		Rast=180"x1"		Pitch=-118", Yaw=+871"	
Event # = 9884													
88/12/09, 14:07		DOY=344		SMM Pointing:		N15E85		Pitch=-251", Yaw=+940", Roll=0deg		H. Ang=85deg			
GOES		14:02		14:07		14:15		Importance=C2		Qual=01			
HXRBS		14:04:16		14:05:05		14:05:38		Peak...c/s=58		Qual=01			
UVSP		13:50						WaveLength=2788A		Code=01		MaxkeV=101	
												Rast=180"x1"	
								Tot Cts=421				Step=0"	
								Exp # = 79628				Pitch=-118", Yaw=+871"	
88/12/10 DOY=345													
Event # = 22055		88/12/10, 02:35		DOY=345		SMM Pointing:		N21E06		H. Ang=22deg			
Optical		Start		Peak		End times							
GOES		02:27		02:35		02:46		Ha...Class=SF		N21E06		Mac.=DAI	
BCS		02:33		02:34		02:37		Importance=C1		Qual=01		Carr. Lon.=30deg	
FCS								CaPeak.c/s=24		Qual= 4		#Peaks=1	
UVSP		02:19						WaveLength=2788A		Code=01		dt= 7.7s	
Radio		Sweeps		Type/Intensity:		I11/3		FePeak=02:33		Rast=0"x0"		XEN=834500	
Radio		Frequency (MHz)/Flux(sfu):		245/480 410/94 606/75				Exp # = 79665		Rast=180"x1"		Cad=1.02s	
												1.024s/pixel	
												Pitch=-228", Yaw=+24"	
Event # = 9885													
88/12/10, 04:58		DOY=345		SMM Pointing:		N21E05		Pitch=-361", Yaw=+79", Roll=0deg		H. Ang=22deg			
Optical		Start		Peak		End times							
GOES		04:52		04:58		05:13		Ha...Class=SN		N20E02		Mac.=DAI	
HXRBS		04:53:45		04:54:34		04:55:07		Importance=C9		Qual=03		Carr. Lon.=33deg	
BCS		04:54		04:56		05:04		Peak...c/s=539		Qual=01		MaxkeV=186	
FCS								CaPeak.c/s=501		Qual= 1		Flags=M5	
UVSP		04:58						WaveLength=2788A		Code=02		dt= 3.8s	
Radio		Sweeps		Type/Intensity:		I11/3		FePeak=04:56		Rast=300"x240"		XEN=834501	
Radio		Frequency (MHz)/Flux(sfu):		245/2600 410/430 606/140 2695/73 8800/99 15400/30				Exp # = 79668		Rast=180"x1"		Cad= 328s	
												1.024s/pixel	
												Pitch=-228", Yaw=+2"	
Event # = 22056													
88/12/10, 07:33		DOY=345		SMM Pointing:		N21E06		Pitch=-27deg		H. Ang=22deg			
Optical		Start		Peak		End times							
GOES		07:26		07:33		08:04		Ha...Class=SF		N21E06		Mac.=DAI	
HXRBS		07:29		07:33		07:44		Importance=C2		Qual=01		Carr. Lon.=27deg	
BCS								CaPeak.c/s=57		Qual= 1		#Peaks=1	
FCS								WaveLength=1375A		Code=00		dt= 3.8s	
UVSP		07:27						FePeak=07:31		Rast=500"x240"		XEN=834502	
								Exp # = 79688		Rast=10"x10"		Cad= 328s	
												1.024s/pixel	
												Pitch=-333", Yaw=+67"	





Event # = 9891									
88/12/10, 23:17	DOY=345		SMM Pointing:	N21W05				Pitch=-364", Yaw=-80", Roll=0deg	H. Ang=22deg
Start	Peak	End times							
GOES 23:15	23:17	23:23	Importance=C2	Qual=01					
HXRBS 23:17:01	23:17:35	23:19:00	Peak...c/s=227	Qual=01	Tot Cts=1818				
UVSP 23:05			Wavelength=1375A	Code=00	Exp # = 79752				
Radio Frequency (MHz)/Flux(sfu):	245/420	410/370	606/21	2695/16					
88/12/11 DOY=346									
Event # = 9892									
88/12/11, 01:05	DOY=346		SMM Pointing:	N21W06				Pitch=-364", Yaw=-94", Roll=0deg	H. Ang=23deg
Start	Peak	End times							
Optical			Ha...Class=SF	S34E72	AR5275				
GOES 01:00	01:05	01:09	Importance=C5	Qual=01					
HXRBS 01:03:15	01:03:50	01:05:04	Peak...c/s=175	Qual=01	Tot Cts=1675				
UVSP 00:24			Wavelength=2788A	Code=00	Exp # = 79759				
Event # = 9893									
88/12/11, 01:12	DOY=346		SMM Pointing:	N21W06				Pitch=-364", Yaw=-94", Roll=0deg	H. Ang=23deg
Start	Peak	End times							
Optical			Ha...Class=SF	S34E72	AR5275				
GOES 01:09	01:12	01:23	Importance=C5	Qual=01					
HXRBS 01:09:23	01:09:53	01:10:14	Peak...c/s=52	Qual=01	Tot Cts=244				
UVSP 00:24			Wavelength=2788A	Code=00	Exp # = 79759				
Radio Sweeps	Type/Intensity:		111/2						
Event # = 9899									
88/12/11, 05:20	DOY=346		SMM Pointing:	N21W09				Pitch=-364", Yaw=-136", Roll=0deg	H. Ang=23deg
Start	Peak	End times							
GOES 05:15	05:20	05:25	Importance=C8	Qual=01					
HXRBS 05:15:49	05:17:33	05:21:48	Peak...c/s=276	Qual=01	Tot Cts=4473				
UVSP 04:54			Wavelength=2788A		Exp # = 79764				
Event # = 9894									
88/12/11, 07:27	DOY=346		SMM Pointing:	N21W09				Pitch=-364", Yaw=-148", Roll=0deg	H. Ang=24deg
Start	Peak	End times							
Optical			Ha...Class=SF	S34E69	AR5275				
GOES 07:21	07:27	07:32	Importance=C9	Qual=01					
HXRBS 07:23:20	07:24:16	07:26:30	Peak...c/s=847	Qual=01	Tot Cts=11146				
UVSP 07:33			Wavelength=2788A	Code=02	Exp # = 79767				
Radio Frequency (MHz)/Flux(sfu):	245/1300	410/800	606/480	2695/130	8800/26				
Event # = 9895									
88/12/11, 09:48	DOY=346		SMM Pointing:	N21W11				Pitch=-364", Yaw=-174", Roll=0deg	H. Ang=24deg
Start	Peak	End times							
GOES 09:39	09:48	10:08	Importance=C2	Qual=04					
HXRBS 09:46:28	09:46:50	09:47:15	Peak...c/s=54	Qual=01	Tot Cts=286				
UVSP 09:35			Wavelength=2788A	Code=01	Exp # = 79770				
Radio Sweeps	Type/Intensity:		111/3						
Radio Frequency (MHz)/Flux(sfu):	245/640	410/110	606/43						
Event # = 9896									
88/12/11, 09:48:05	09:48:42		Associated	Event # = 9896					
HXRBS 09:48:01	09:48:05	09:48:42	Peak...c/s=63	Qual=01	Tot Cts=96				

Event # = 9897									
88/12/11, 10:29		DOY=346	SMM Pointing:		N21W11	Pitch=-364", Yaw=-174", Roll=0deg		H. Ang=24deg	
Start		Peak	End times						
GOES	10:25	10:29	10:31		Qual=01				
HXRBS	10:25:43	10:26:19	10:28:31		Importance=M1				
UVSP	10:41	10:26:19	10:28:31		Peak...c/s=114				
Radio	Frequency (MHz)/Flux(sfu):	245/170	606/220		Wavelength=2788A				
Tot Cts=3035									
Exp # = 79771									
Step=0" Pitch=-230", Yaw=+3"									
MaxkeV=186									
Rast=180"x1"									
Event # = 9898									
88/12/11, 10:30		DOY=346	SMM Pointing:		N21W11	Pitch=-364", Yaw=-174", Roll=0deg		H. Ang=24deg	
Start		Peak	End times						
GOES	10:30:12	10:30:34	10:31:13		Qual=00				
HXRBS	10:30:12	10:30:34	10:31:13		Peak...c/s=56				
UVSP	10:41	10:30:34	10:31:13		Wavelength=2788A				
Radio	Frequency (MHz)/Flux(sfu):	410/24							
Tot Cts=321									
Exp # = 79771									
Step=0" Pitch=-230", Yaw=+3"									
MaxkeV=101									
Rast=180"x1"									
Event # = 9900									
88/12/11, 11:30		DOY=346	SMM Pointing:		N21W12	Pitch=-364", Yaw=-187", Roll=0deg		H. Ang=25deg	
Start		Peak	End times						
GOES	11:29	11:30	11:32		Qual=01				
HXRBS	11:30:34	11:30:49	11:31:45		Importance=C2				
UVSP	11:10	11:30:34	11:31:45		Peak...c/s=178				
Radio	Frequency (MHz)/Flux(sfu):	245/440			Wavelength=2788A				
Tot Cts=1134									
Exp # = 79772									
Step=0" Pitch=-230", Yaw=-1"									
MaxkeV=186									
Rast=180"x1"									
Event # = 9901									
88/12/11, 16:40		DOY=346	SMM Pointing:		N22W14	Pitch=-366", Yaw=-226", Roll=0deg		H. Ang=26deg	
Start		Peak	End times						
Optical					S32E64				
GOES	16:00	16:40	17:10		Ha...Class=SF				
HXRBS	16:16:42	16:17:06	16:18:00		Importance=C5				
UVSP	16:57	16:17:06	16:18:00		Peak...c/s=97				
Radio	Frequency (MHz)/Flux(sfu):	245/440			Wavelength=2788A				
Tot Cts=1240									
Exp # = 79779									
Step=0" Pitch=-486", Yaw=-304"									
MaxkeV=186									
Rast=180"x1"									
Event # = 9902									
88/12/11, 22:47		DOY=346	SMM Pointing:		S31E56	Pitch=+692", Yaw=-505", Roll=90deg		H. Ang=61deg	
Start		Peak	End times						
Optical					S32E60				
GOES	22:45	22:47	22:49		Ha...Class=SF				
HXRBS	22:47:29	22:47:40	22:48:10		Importance=C1				
UVSP	22:46	22:47:29	22:48:10		Peak...c/s=88				
Radio Sweeps	Type/Intensity:	111/1			Qual=01				
Radio	Frequency (MHz)/Flux(sfu):	245/83	410/850		Code=00				
Wavelength=1375A									
Tot Cts=718									
Exp # = 79822									
Step=0" Pitch=+728", Yaw=-534"									
MaxkeV=101									
Rast=10"x10"									
Event # = 22058									
88/12/12, 03:53		DOY=347	SMM Pointing:		88/12/12	DOY=347			
Start		Peak	End times						
Optical					S33E40				
GOES	03:49	03:53	04:00		Ha...Class=SF				
BGS	03:51	03:54	03:56		Importance=C3				
FCS					Qual=4				
UVSP	03:54				CaPeak.c/s=27				
Radio	Frequency (MHz)/Flux(sfu):	245/83	410/850		Code=02				
Wavelength=2788A									
Exp # = 79830									
Step=0" Pitch=+383", Yaw=+596"									
Rast=180"x1"									
FePeak.c/s=8									
Rast=0"x0"									
dt=7.7s									
XEN=834700									
Cad=1.02s									
Step=0" Pitch=+383", Yaw=+596"									
Mac.=EKI									
Carr. Lon.=329deg									
H. Ang=50deg									

Event # = 9904 88/12/12, 07:43 Start	DOY=347 Peak	SMM Pointing:	S31E52	Pitch=+504", Yaw=+657", Roll=0deg	H. Ang=58deg
Optical					
GOES 07:35	07:43	Ha...Class=1N	N32E12	Mac.=AXX	H. Ang=35deg
HXRBS 07:35:37	07:36:25	Importance=C8	Qual=01	MaxkeV=102	
UVSP 07:28	07:37:08	Peak...c/s=45	Qual=01	Rast=180"x1"	Pitch=+383", Yaw=+580"
		Wavelength=2788A	Code=01	Step=0"	
Event # = 9903 88/12/12, 09:44 Start	DOY=347 Peak	SMM Pointing:	S31E51	Pitch=+504", Yaw=+646", Roll=0deg	H. Ang=57deg
Optical					
GOES 09:39	09:44	Ha...Class=1B	S14E35	Mac.=HRX	H. Ang=37deg
HXRBS 09:41:57	09:42:20	Importance=C4	Qual=01	MaxkeV=102	
UVSP 10:08	09:42:53	Peak...c/s=54	Qual=01	Rast=180"x1"	Pitch=+383", Yaw=+567"
		Wavelength=2788A		Step=0"	
Event # = 9905 88/12/12, 14:20 Start	DOY=347 Peak	SMM Pointing:	S31E48	Pitch=+503", Yaw=+616", Roll=0deg	H. Ang=55deg
Optical					
GOES 14:19	14:20	Importance=C2	Qual=01	MaxkeV=102	
HXRBS 14:20:11	14:20:15	Peak...c/s=60	Qual=01	Rast=180"x1"	Pitch=+382", Yaw=+543"
UVSP 14:50	14:20:29	Wavelength=2788A		Step=0"	
Radio Frequency (MHz)/Flux(sfu):	245/650				
Event # = 9906 88/12/12, 15:47 Start	DOY=347 Peak	SMM Pointing:	S31E48	Pitch=+503", Yaw=+616", Roll=0deg	H. Ang=55deg
Optical					
GOES 15:44	15:47	Ha...Class=SF	N20W24	Mac.=CAO	H. Ang=31deg
HXRBS 15:44:41	15:44:46	Importance=C3	Qual=01	MaxkeV=102	
BCS 15:46	15:47	Peak...c/s=57	Qual=01	FePeak.c/s=21	dt= 3.8s XEN=834701
FCS	15:50	CaPeak.c/s=53	Qual= 1	Rast=0"x0"	Cad=3840s 3840s/pixel
UVSP 15:45	15:50	Wavelength=1375A	Code=00	Rast=10"x10"	Pitch=+502", Yaw=+500"
Event # = 9907 88/12/12, 20:17 Start	DOY=347 Peak	SMM Pointing:	S31E46	Pitch=+503", Yaw=+594", Roll=0deg	H. Ang=53deg
Optical					
GOES 20:13	20:17	Importance=C3	Qual=01	MaxkeV=102	
HXRBS 20:13:26	20:14:09	Peak...c/s=98	Qual=01	FePeak.c/s=21	dt= 3.8s XEN=834701
UVSP 20:12	20:15:02	Wavelength=1375A	Code=00	Rast=10"x10"	Cad=3840s 3840s/pixel
				Step=0"	Pitch=+502", Yaw=+500"
Event # = 9908 88/12/12, 21:50 Start	DOY=347 Peak	SMM Pointing:	S31E44	Pitch=+502", Yaw=+584", Roll=0deg	H. Ang=52deg
Optical					
GOES 21:47	21:50	Ha...Class=SM	S33E50	Mac.=ESO	H. Ang=57deg
HXRBS 21:47:35	21:48:52	Importance=C4	Qual=01	MaxkeV=186	dt= 3.8s XEN=834702
BCS 21:49	21:50	Peak...c/s=272	Qual=01	FePeak.c/s=27	Cad= 590s 1.02s/pixel
FCS	21:58	CaPeak.c/s=175	Qual= 1	Rast=240"x240"	Pitch=+526", Yaw=+622"
UVSP 21:47	21:50	Wavelength=1375A	Code=00	Rast=10"x10"	
Radio Sweeps	Type/Intensity:				
Radio Frequency (MHz)/Flux(sfu):	245/430 410/630				



Event # = 9917									
88/12/14, 05:13	D0Y=349	Peak	End times	SMM Pointing:	S32E24		Pitch=+499", Yaw=+342", Roll=0deg	H.Ang=38deg	
Optical				Ha...Class=SF	N20E33				
G0ES 05:09	05:13	05:17		Importance=C3	Qual=01	AR5279	Mac.=DS0 Carr. Lon.=309deg	H.Ang=38deg	
HXRBS 05:09:53	05:11:06	05:11:59		Peak...c/s=113	Qual=01	Tot Cts=1815	MaxkeV=102		
UVSP 04:50				Wavelength=2788A		Exp #=79995	Rast=180"x1"	Pitch=+378", Yaw=+273"	
Radio	Frequency(MHz)/Flux(sfu):			606/35 2695/73 8800/17					
Event # = 9918									
88/12/14, 06:38	D0Y=349	Peak	End times	SMM Pointing:	S32E23		Pitch=+499", Yaw=+332", Roll=0deg	H.Ang=38deg	
Optical				Ha...Class=SF	N18E31				
G0ES 06:31	06:38	06:42		Importance=C6	Qual=01	AR5279	Mac.=DS0 Carr. Lon.=310deg	H.Ang=36deg	
HXRBS 06:32:47	06:33:43	06:40:21		Peak...c/s=66	Qual=01	Tot Cts=3259	MaxkeV=102		
UVSP 06:22				Wavelength=2788A	Code=01	Exp #=79997	Rast=180"x1"	Pitch=+378", Yaw=+262"	
Radio	Type/Intensity:			111/2					
Radio	Frequency(MHz)/Flux(sfu):			410/340 606/58 2695/25 8800/18					
Event # = 9919									
88/12/14, 07:13	D0Y=349	Peak	End times	SMM Pointing:	S32E23		Pitch=+499", Yaw=+332", Roll=0deg	H.Ang=38deg	
G0ES				Qual=00					
HXRBS 07:13:18	07:13:28	07:13:57		Peak...c/s=49	Qual=01	Tot Cts=119	MaxkeV=102		
UVSP 07:26				Wavelength=2788A		Exp #=79998	Rast=180"x1"	Pitch=+378", Yaw=+255"	
Event # = 9915									
88/12/14, 08:47	D0Y=349	Peak	End times	SMM Pointing:	S32E23		Pitch=+499", Yaw=+320", Roll=0deg	H.Ang=37deg	
Optical				Ha...Class=SF	N17E30				
G0ES 08:40	08:47	08:51		Importance=C7	Qual=01	AR5279	Mac.=DS0 Carr. Lon.=310deg	H.Ang=35deg	
HXRBS 08:42:59	08:45:08	08:46:30		Peak...c/s=110	Qual=01	Tot Cts=4195	MaxkeV=186		
UVSP 09:00				Wavelength=2788A		Exp #=80000	Rast=180"x1"	Pitch=+378", Yaw=+244"	
Radio	Frequency(MHz)/Flux(sfu):			606/110 2695/29 8800/18					
Event # = 9920									
88/12/14, 10:14	D0Y=349	Peak	End times	SMM Pointing:	S32E22		Pitch=+499", Yaw=+309", Roll=0deg	H.Ang=37deg	
G0ES 10:08	10:14	10:19		Importance=C6	Qual=01				
HXRBS 10:09:30	10:10:19	10:14:19		Peak...c/s=1096	Qual=01	Tot Cts=36050	MaxkeV=274	Flags=M1	
GRS 10:14:00						Exp #=80002	Rast=180"x1"	Pitch=+377", Yaw=+233"	
UVSP 10:33				Wavelength=2788A		8800/280 15400/240			
Radio	Frequency(MHz)/Flux(sfu):			410/65 606/210 1415/93 2695/100 4995/160					
Event # = 9921									
88/12/14, 11:14	D0Y=349	Peak	End times	SMM Pointing:	S32E21		Pitch=+499", Yaw=+298", Roll=0deg	H.Ang=37deg	
G0ES				Qual=00					
HXRBS 11:09:57	11:14:15	11:30:20		Peak...c/s=86	Qual=02	Tot Cts=16477	MaxkeV=230	Flags=SN	
UVSP 11:04				Wavelength=2788A		Exp #=80003	Rast=180"x1"	Pitch=+378", Yaw=+229"	



Event # = 9927									
88/12/14, 19:08	DOY=349	End times	SMM Pointing:	N26E60			Pitch=-434", Yaw=+763", Roll=0deg	H. Ang=64deg	
Optical	Peak		Ha...Class=SF	S31E12			Mac.=EAO	Carr.Lon.=322deg	H. Ang=32deg
GOES	19:08:19	19:08:31	Peak...c/s=50	Qual=00			MaxkeV=102		
HXRBS	19:07	19:08:50	WaveLength=1375A	Qual=01			Rast=10"x10"	Step=0"	Pitch=-465", Yaw=+693"
UVSP									
Event # = 9928									
88/12/14, 19:16	DOY=349	End times	SMM Pointing:	N26E60			Pitch=-434", Yaw=+763", Roll=0deg	H. Ang=64deg	
GOES	19:13	19:18	Importance=C4	Qual=01					
HXRBS	19:14:14	19:14:40	Peak...c/s=103	Qual=01			MaxkeV=102		
UVSP	19:07	19:14:47	WaveLength=1375A	Code=00			Rast=10"x10"	Step=0"	Pitch=-465", Yaw=+693"
Event # = 22061									
88/12/14, 19:21	DOY=349	End times							
GOES	19:17	19:27	CaPeak.c/s=33	Qual=00					
BCS	19:21	19:21	FePeak=19:19	Qual=1			FePeak.c/s=9	#Peaks=1	dt= 7.7s XEN=834904
FCS							Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
UVSP	19:20		WaveLength=1375A				Rast=10"x10"	Step=0"	Pitch=-416", Yaw=+702"
Event # = 22062									
88/12/14, 19:32	DOY=349	End times							
GOES	19:31	19:35	CaPeak.c/s=22	Qual=00					
BCS	19:32	19:32	FePeak=19:31	Qual=4			FePeak.c/s=7	#Peaks=1	dt= 7.7s XEN=834905
FCS							Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
UVSP	19:20		WaveLength=1375A				Rast=10"x10"	Step=0"	Pitch=-416", Yaw=+702"
Event # = 9929									
88/12/14, 20:39	DOY=349	End times	SMM Pointing:	N26E59			Pitch=-435", Yaw=+750", Roll=0deg	H. Ang=63deg	
Optical	Peak		Ha...Class=IN	S33E12			Carr.Lon.=321deg	H. Ang=34deg	
GOES	20:33	20:45	Importance=M1	Qual=01					
HXRBS	20:34:42	20:36:04	Peak...c/s=101	Qual=01			MaxkeV=102		
BCS	20:34	20:34	CaPeak.c/s=21	Qual=5			FePeak.c/s=6	#Peaks=1	dt= 7.7s XEN=834906
FCS		20:38					Rast=25"x25"	Step=5"	Cad=25.6s 1.024s/pixel
UVSP	20:37		WaveLength=1375A	Code=00			Rast=265"x265"	Step=5"	Pitch=-428", Yaw=+763"
Radio Sweeps			Type/Intensity: V/2						
Event # = 22063									
88/12/14, 20:56	DOY=349	End times							
GOES	20:53	21:06	Importance=C4	Qual=01					
BCS	20:53	20:56	CaPeak.c/s=117	Qual=1			FePeak.c/s=20	#Peaks=1	dt= 3.8s XEN=834907
FCS		21:13					Rast=300"x240"	Step=15"	Cad= 328s 1.024s/pixel
UVSP	20:54		WaveLength=1375A	Code=00			Rast=10"x10"	Step=0"	Pitch=-426", Yaw=+840"





Event # = 10976		DOY=350		SMM Pointing:		N26E55		Pitch=-436", Yaw=+720", Roll=0deg		H.Ang=60deg	
88/12/15, 03:26	Start	Peak	End times	Peak...c/s=73	Qual=00	Qual=01	Tot Cts=121	MaxkeV=102	Flags=1		
GOES	03:26:35	03:26:51	03:27:01	Wavelength=2788A			Exp #=80055	Rast=180"x1"	Step=0"	Pitch=-302", Yaw=+648"	
HXRBS	03:26:35	03:26:51	03:27:01								
UVSP	03:45										
Event # = 22067		DOY=350		SMM Pointing:		N26E55		Pitch=-436", Yaw=+720", Roll=0deg		H.Ang=60deg	
88/12/15, 04:26	Start	Peak	End times	CaPeak.c/s=24	Qual=00	Qual=1	FePeak=04:27	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=835003
GOES	04:23	04:26	04:34	Wavelength=2788A			Exp #=80056	Rast=180"x1"	Step=0"	Cad=1.02s	1.024s/pixel
BCS	04:23	04:26	04:34							Pitch=-302", Yaw=+646"	
FCS	04:14										
UVSP	04:14										
Event # = 9933		DOY=350		SMM Pointing:		N26E55		Pitch=-436", Yaw=+720", Roll=0deg		H.Ang=60deg	
88/12/15, 05:09	Start	Peak	End times	Ha...Class=1N	N27E59	AR5278	Mac.=EKC	Carr. Lon.=270deg			
Optical	04:45	05:09	06:53	Importance=X1	Qual=03						
GOES	04:55:48	05:03:52	05:21:32	Peak...c/s=2317	Qual=03	Tot Cts=5.37E+5	MaxkeV=320	Flags=EN			
HXRBS	05:03:00	05:05:00	05:05:00								
GRS	04:42	05:08	05:22	CaPeak.c/s=5820	Qual= 1	FePeak=05:07	FePeak.c/s=2786	#Peaks=1	dt= 7.7s	XEN=835004	Dur=120sec
BCS	04:42	05:08	05:22	Wavelength=2788A	Code=02	Exp #=80057	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel	
FCS	05:18						Rast=180"x1"	Step=0"	Pitch=-302", Yaw=+641"		
UVSP	05:18										
Radio Sweeps		Type/Intensity:		11/3 111/3 1V/1		245/5000 410/210 606/110 2695/370 8800/400 15400/240		Associated Event # = 10977		Associated Event # = 10977	
Radio	04:46:04	04:46:30	04:47:26	Peak...c/s=60	Qual=01	Tot Cts=359	MaxkeV=102	Flags=1			
HXRBS	04:46:04	04:46:30	04:47:26								
BCS	05:22	05:22	05:23	CaPeak.c/s=152	Qual= 5	FePeak=05:22	FePeak.c/s=81	#Peaks=1	dt= 7.7s	XEN=835005	
FCS	05:22	05:22	05:23				Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel	
UVSP	05:22	05:22	05:23								
Radio Sweeps		Type/Intensity:		Associated Event # = 22069		Associated Event # = 22069		Associated Event # = 22069		Associated Event # = 22069	
Radio	05:56	05:57	06:56	CaPeak.c/s=855	Qual= 5	FePeak=05:57	FePeak.c/s=96	#Peaks=1	dt= 3.8s	XEN=835006	
BCS	05:56	05:57	06:56				Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel	
FCS	05:49						Rast=180"x1"	Step=0"	Pitch=-302", Yaw=+639"		
UVSP	05:49										
Event # = 22070		DOY=350		SMM Pointing:		N26E55		Pitch=-436", Yaw=+720", Roll=0deg		H.Ang=60deg	
88/12/15, 07:29	Start	Peak	End times	Importance=M1	Qual=05	Qual= 5	FePeak=07:31	FePeak.c/s=11	#Peaks=1	dt= 3.8s	XEN=835007
GOES	07:24	07:29	08:10	CaPeak.c/s=184	Qual= 5		Exp #=80060	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
BCS	07:30	07:31	08:29	Wavelength=2788A	Code=00			Rast=180"x1"	Step=0"	Pitch=-302", Yaw=+631"	
FCS	07:22										
UVSP	07:22										
Event # = 22071		DOY=350		SMM Pointing:		N26E55		Pitch=-436", Yaw=+720", Roll=0deg		H.Ang=60deg	
88/12/15, 09:06	Start	Peak	End times	CaPeak.c/s=42	Qual=00	Qual= 5	FePeak=09:05	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=835008
GOES	09:04	09:06	10:02	Wavelength=2788A			Exp #=80062	Rast=180"x1"	Step=0"	Cad=1.02s	1.024s/pixel
BCS	09:04	09:06	10:02							Pitch=-302", Yaw=+623"	
FCS	08:56										
UVSP	08:56										

Event # = 22072									
88/12/15, 10:47	DOY=350	Peak	End times						
GOES	10:47	10:47	10:56	CaPeak.c/s=20	Qual=00	FePeak=10:47	FePeak.c/s=9	#Peaks=1	dt= 7.7s XEN=835009
BCS					Qual= 4		Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
FCS							Rast=180"x1"	Step=0"	Pitch=-302", Yaw=+615"
UVSP	10:30			Wavelength=2788A		Exp #=80064			
Event # = 22073									
88/12/15, 11:13	DOY=350	Peak	End times						
GOES	11:01	11:13	11:18	CaPeak.c/s=27	Qual=00	FePeak=11:12	FePeak.c/s=6	#Peaks=1	dt= 7.7s XEN=835010
BCS					Qual= 1		Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
FCS							Rast=180"x1"	Step=0"	Pitch=-303", Yaw=+609"
UVSP	11:33			Wavelength=2788A		Exp #=80065			
Event # = 22074									
88/12/15, 11:23	DOY=350	Peak	End times						
GOES	11:22	11:23	11:31	CaPeak.c/s=33	Qual=00	FePeak=11:23	FePeak.c/s=10	#Peaks=1	dt= 7.7s XEN=835011
BCS					Qual= 1		Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
FCS							Rast=180"x1"	Step=0"	Pitch=-303", Yaw=+609"
UVSP	11:33			Wavelength=2788A		Exp #=80065			
Event # = 9935									
88/12/15, 11:36	DOY=350	Peak	End times	SMM Pointing:	N26E51		Pitch=-437", Yaw=+687", Roll=0deg		H.Ang=56deg
GOES									
HXRBS	11:34:07	11:36:08	11:37:47	Peak...c/s=63	Qual=00	Tot Cts=3520	MaxkeV=143	Step=0"	
UVSP	11:33			Wavelength=2788A	Qual=01	Exp #=80065	Rast=180"x1"	Pitch=-303", Yaw=+609"	
Event # = 9934									
88/12/15, 12:14	DOY=350	Peak	End times	SMM Pointing:	N26E50		Pitch=-436", Yaw=+677", Roll=0deg		H.Ang=56deg
GOES	12:08	12:14	12:38	Importance=C5	Qual=04				
HXRBS	12:10:50	12:13:21	12:13:40	Peak...c/s=61	Qual=01	Tot Cts=126	MaxkeV=102	#Peaks=2	dt= 3.8s XEN=835012
BCS	12:13	12:21	12:48	CaPeak.c/s=62	Qual= 1	FePeak=12:21	FePeak.c/s=17	Step=15"	Cad= 328s 1.024s/pixel
FCS							Rast=300"x240"	Step=0"	Pitch=-303", Yaw=+607"
UVSP	12:03			Wavelength=2788A	Code=00	Exp #=80066	Rast=180"x1"		
Event # = 9936									
88/12/15, 14:08	DOY=350	Peak	End times	SMM Pointing:	N26E49		Pitch=-437", Yaw=+665", Roll=0deg		H.Ang=55deg
Optical									
GOES	14:00	14:08	14:21	Ha...Class-SF	S30W04	AR5273	Mac.=EKO	Carr.Lon.=328deg	H.Ang=29deg
HXRBS	14:00:37	14:00:43	14:03:06	Importance=C6	Qual=01				
UVSP	13:38			Peak...c/s=58	Qual=01	Tot Cts=529	MaxkeV=102	Step=0"	Pitch=-303", Yaw=+599"
				Wavelength=2788A		Exp #=80068	Rast=180"x1"		
Event # = 9937									
88/12/15, 15:29	DOY=350	Peak	End times	SMM Pointing:	N26E49		Pitch=-437", Yaw=+665", Roll=0deg		H.Ang=55deg
GOES	15:23	15:29	15:33	Importance=C4	Qual=01				
HXRBS	15:26:24	15:27:12	15:28:48	Peak...c/s=103	Qual=01	Tot Cts=1338	MaxkeV=143	#Peaks=1	dt= 3.8s XEN=835013
BCS	15:26	15:28	15:48	CaPeak.c/s=51	Qual= 1	FePeak=15:28	FePeak.c/s=15	Step=10"	Cad= 590s 1.024s/pixel
FCS							Rast=240"x240"	Step=0"	Pitch=-304", Yaw=+591"
UVSP	15:10			Wavelength=2788A	Code=01	Exp #=80070	Rast=180"x1"		

Event # = 22075									
88/12/15, 16:09	DOY=350	Peak	End times						
GOES	16:02	16:09	16:18	Importance=C7	Qual=05				
BCS	16:13	16:14	16:18	CaPeak.c/s=167	Qual= 5	FePeak=16:14			
FCS									
UVSP	16:14			Wavelength=2788A	Code=02	Exp #=80071			
Radio Sweeps				Type/Intensity:					
Radio Frequency (MHz)/Flux(sfu):				111/1					
				4995/64 8800/91					
Event # = 22076									
88/12/15, 17:02	DOY=350	Peak	End times						
GOES					Qual=00				
BCS	16:54	17:02	17:14	CaPeak.c/s=28	Qual= 1	FePeak=17:04			
FCS									
UVSP	17:00			Wavelength=1375A		Exp #=80073			
Event # = 22077									
88/12/15, 21:55	DOY=350	Peak	End times						
GOES					Qual=00				
BCS	21:53	21:55	22:01	CaPeak.c/s=24	Qual= 4	FePeak=21:54			
FCS									
UVSP	21:54			Wavelength=1375A		Exp #=80100			
Event # = 22078									
88/12/15, 23:09	DOY=350	Peak	End times						
GOES					Qual=00				
BCS	23:08	23:09	23:21	CaPeak.c/s=41	Qual= 5	FePeak=23:09			
FCS									
UVSP	23:10			Wavelength=1375A		Exp #=80104			
Event # = 22079									
88/12/16, 01:09	DOY=351	Peak	End times						
GOES					Qual=00				
BCS	01:05	01:09	01:19	CaPeak.c/s=49	Qual= 1	FePeak=01:08			
FCS									
UVSP	01:01			Wavelength=1375A		Exp #=80123			
Event # = 22080									
88/12/16, 01:22	DOY=351	Peak	End times						
Optical									
GOES				Ha...Class=SF	N33W35	AR5269			
BCS	01:22	01:22	01:24	CaPeak.c/s=20	Qual=00				
FCS					Qual= 4	FePeak=01:23			
UVSP	01:14			Wavelength=1375A		Exp #=80126			



----- Associated Event # = 22083 -----									
BCS	10:04	10:05	11:02	CaPeak.c/s=1192	Qual= 5	FePeak=10:05	#Peaks=1	dt= 3.8s	XEN=835107
FCS							Rast=300"x240"	Cad= 328s	1.024s/pixel
UVSP	09:55			Wavelength=2788A		Exp #=80161	Step=0"	Pitch=0"	Pitch=-306",Yaw=+480"
-----									
Event # = 9941									
88/12/16,10:44	Start	DOY=351	End times	SMM Pointing:	N26E39		Pitch=-440",Yaw=+553",Roll=0deg	H.Ang=46deg	
GOES		Peak			Qual=00				
HXRBS	10:43:58	10:44:13	10:44:27	Peak...c/s=54	Qual=01	Tot Cts=234	MaxkeV=143		
UVSP	10:59			Wavelength=2788A		Exp #=80162	Rast=180"x1"	Step=0"	Pitch=-306",Yaw=+473"
-----									
Event # = 9942									
88/12/16,12:12	Start	DOY=351	End times	SMM Pointing:	N26E38		Pitch=-441",Yaw=+543",Roll=0deg	H.Ang=46deg	
Optical		Peak		Ha...Class=SF	N26E48	AR5280	Mac.=DK0	Carr.Lon.=264deg	H.Ang=54deg
GOES					Qual=00				
HXRBS	12:10:19	12:11:02	12:11:24	Peak...c/s=58	Qual=01	Tot Cts=482	MaxkeV=102		
BCS	11:38	12:12	12:36	CaPeak.c/s=319	Qual= 4	FePeak=12:12	dt= 7.7s	XEN=835108	
FCS							Rast=0"x0"	Cad=1.02s	1.024s/pixel
UVSP	12:33			Wavelength=2788A		Exp #=80164	Rast=180"x1"	Step=0"	Pitch=-306",Yaw=+463"
-----									
Event # = 9943									
88/12/16,14:03	Start	DOY=351	End times	SMM Pointing:	N26E37		Pitch=-440",Yaw=+529",Roll=0deg	H.Ang=45deg	
Optical		Peak		Ha...Class=SF	N26E47	AR5280	Mac.=DK0	Carr.Lon.=264deg	H.Ang=53deg
GOES					Qual=00				
HXRBS	14:01:01	14:01:16	14:01:43	Peak...c/s=64	Qual=01	Tot Cts=563	MaxkeV=143		
BCS	13:12	14:03	14:09	CaPeak.c/s=148	Qual= 4	FePeak=14:03	dt= 7.7s	XEN=835114	
FCS							Rast=240"x240"	Cad= 590s	1.024s/pixel
UVSP	14:06			Wavelength=2788A		Exp #=80166	Rast=180"x1"	Step=0"	Pitch=-307",Yaw=+453"
-----									
Event # = 9945									
88/12/16,15:41	Start	DOY=351	End times	SMM Pointing:	N26E36		Pitch=-442",Yaw=+519",Roll=0deg	H.Ang=44deg	
Optical		Peak		Ha...Class=SF	N30E33	AR5278	Mac.=EKI	Carr.Lon.=277deg	H.Ang=44deg
GOES					Qual=00				
HXRBS	15:38:00	15:38:20	15:39:09	Peak...c/s=230	Qual=01	Tot Cts=2923	MaxkeV=143		
BCS	14:45	15:41	15:43	CaPeak.c/s=77	Qual= 4	FePeak=15:41	dt= 7.7s	XEN=835109	
FCS							Rast=240"x240"	Cad= 590s	1.024s/pixel
UVSP	15:40			Wavelength=2788A		Exp #=80168	Rast=180"x1"	Step=0"	Pitch=-308",Yaw=+443"
Radio Sweeps		Type/Intensity:		III/1					
Radio Frequency		(MHz)/Flux(sfu):		245/490 410/150 606/87					
-----									
Event # = 9946									
88/12/16,16:25	Start	DOY=351	End times	SMM Pointing:	N26E35		Pitch=-442",Yaw=+509",Roll=0deg	H.Ang=44deg	
GOES		Peak			Qual=00				
HXRBS	16:24:58	16:25:10	16:25:35	Peak...c/s=67	Qual=01	Tot Cts=292	MaxkeV=102		
UVSP	16:12			Wavelength=2788A		Exp #=80169	Rast=180"x1"	Step=0"	Pitch=-308",Yaw=+440"

Event # = 22084									
88/12/16,16:29	Start	DOY=351	Peak	End times					
GOES	16:28	16:29		16:32	CaPeak.c/s=21	Qual=00 Qual= 4	FePeak=16:29	FePeak.c/s=9	#Peaks=1 dt= 7.7s XEN=835110 Step=0" Cad=1.02s 1.024s/pixel Step=0" Pitch=-308" ,Yaw=+440"
BCS	16:12				Wavelength=2788A		Exp #=80169	Rast=180"x1"	
FCS									
UVSP									
Event # = 22085									
88/12/16,18:01	Start	DOY=351	Peak	End times					
Optical	17:52	18:01		18:07	Ha...Class=SF	S33W11	AR5275	Mac.=ES0	Carr.Lon.=320deg H.Ang=33deg
GOES	17:52	17:56		18:10	Importance=C4	Qual=01	FePeak=17:56	FePeak.c/s=16	#Peaks=1 dt= 3.8s XEN=835111 Step=10" Cad= 590s 1.024s/pixel Step=0" Pitch=-458" ,Yaw=+639"
BCS					CaPeak.c/s=91	Qual= 1	Exp #=80174	Rast=240"x240"	
FCS					Wavelength=1375A	Code=00		Rast=10"x10"	
UVSP	17:58								
Event # = 9944									
88/12/16,18:06	Start	DOY=351	Peak	End times	SMM Pointing:	N26E35		Pitch=-442" ,Yaw=+498" ,Roll=0deg	H.Ang=43deg
GOES	18:06:03	18:06:12		18:06:24	Peak...c/s=46	Qual=00	Tot Cts=103	MaxkeV=102	
HXRBS	17:58				Wavelength=1375A	Qual=01	Exp #=80174	Rast=10"x10"	Step=0" Pitch=-458" ,Yaw=+639"
UVSP									
Event # = 22086									
88/12/16,21:27	Start	DOY=351	Peak	End times					
Optical	21:21	21:27		21:38	Ha...Class=SF	N17E90	AR5283	Carr.Lon.=217deg	H.Ang=90deg
GOES	21:22	21:26		21:37	Importance=C3	Qual=01	FePeak=21:26	#Peaks=1 dt= 3.8s XEN=835112 Step=10" Cad= 590s 1.024s/pixel Step=0" Pitch=-444" ,Yaw=+606"	
BCS					CaPeak.c/s=78	Qual= 1	Exp #=80197	Rast=240"x240"	
FCS					Wavelength=1375A	Code=00		Rast=10"x10"	
UVSP	21:20								
Event # = 9947									
88/12/16,22:35	Start	DOY=351	Peak	End times	SMM Pointing:	N26E32		Pitch=-443" ,Yaw=+466" ,Roll=0deg	H.Ang=41deg
Optical	22:33	22:35		22:35:04	Peak...c/s=57	Qual=00	Tot Cts=494	MaxkeV=102	
GOES	22:39				Wavelength=1375A	Qual=01	Exp #=80201	Rast=265"x265"	Step=5" Pitch=-436" ,Yaw=+478"
HXRBS									
UVSP									
Event # = 9948									
88/12/16,22:50	Start	DOY=351	Peak	End times	SMM Pointing:	N26E32		Pitch=-443" ,Yaw=+466" ,Roll=0deg	H.Ang=41deg
Optical	22:32	22:50		22:57	Ha...Class=SB	N29E31	AR5278	Mac.=EK1	Carr.Lon.=275deg H.Ang=42deg
GOES	22:45:41	22:46:10		22:52:37	Importance=C9	Qual=01	Tot Cts=28256	MaxkeV=320	Flags=M1
HXRBS	22:35	22:49		23:19	Peak...c/s=690	Qual=01	FePeak=22:48	FePeak.c/s=57	#Peaks=1 dt= 7.7s XEN=835113 Step=10" Cad= 590s 1.024s/pixel Step=5" Pitch=-436" ,Yaw=+478"
BCS					CaPeak.c/s=331	Qual= 1	Exp #=80202	Rast=240"x240"	
FCS					Wavelength=1375A	Code=00		Rast=70"x70"	
UVSP	22:41				III/3				
Radio Sweeps					Type/Intensity:				
Radio Frequency (MHz)/Flux(sfu):					245/310 2695/130 4995/130 8800/100				

Event # = 22087		88/12/17		DOY=352	
88/12/17 00:08	DOY=352	Start	Peak	End times	
GOES	00:08	00:08	00:17	Qual=00	
BCS	00:08	00:08	00:17	CaPeak.c/s=20	FePeak=00:11
UVSP	00:09	00:09	00:17	WaveLength=1375A	Exp #=80203
					dt= 7.7s XEN=835200
					Cad=1.02s 1.024s/pixel
					Pitch=+462", Yaw=+455"
					#Peaks=1
					Step=0"
					Step=5"
					FePeak.c/s=6
					Rast=0"x0"
					Rast=265"x265"
Event # = 22088		88/12/17 02:21		DOY=352	
88/12/17 02:21	DOY=352	Start	Peak	End times	
GOES	02:03	02:21	02:26	Qual=00	
BCS	02:03	02:21	02:26	CaPeak.c/s=35	FePeak=02:21
FCS	02:23	02:23	02:26	Peak3..c/s=64	Step=0"
UVSP	02:13	02:13	02:26	WaveLength=1375A	Exp #=80225
					dt= 7.7s XEN=835201
					Cad=1.02s 1.024s/pixel
					Pitch=-444", Yaw=+567"
					#Peaks=2
					Step=0"
					Step=0"
					FePeak.c/s=9
					Rast=0"x0"
					Rast=10"x10"
Event # = 22089		88/12/17 02:31		DOY=352	
88/12/17 02:31	DOY=352	Start	Peak	End times	
GOES	02:31	02:31	02:32	Qual=00	
BCS	02:31	02:31	02:32	CaPeak.c/s=19	FePeak=02:31
FCS	02:28	02:28	02:32	WaveLength=1375A	Exp #=80228
UVSP	02:28	02:28	02:32	WaveLength=1375A	Exp #=80228
					dt= 7.7s XEN=835202
					Cad=1.02s 1.024s/pixel
					Pitch=-449", Yaw=+565"
					#Peaks=1
					Step=0"
					Step=0"
					FePeak.c/s=7
					Rast=0"x0"
					Rast=10"x10"
Event # = 9949		88/12/17 03:21		DOY=352	
88/12/17 03:21	DOY=352	Start	Peak	End times	
GOES	03:16:14	03:16:24	03:16:41	SMM Pointing: N26E30	Pitch=-443", Yaw=+443", Roll=0deg
HXRBS	03:16:14	03:16:24	03:16:41	Qual=00	H.Ang=40deg
BCS	03:15	03:21	03:33	Peak...c/s=61	
FCS	03:15	03:21	03:33	CaPeak.c/s=28	
UVSP	03:21	03:21	03:33	WaveLength=1375A	
					MaxkeV=102
					FePeak.c/s=7
					Rast=0"x0"
					Rast=10"x10"
					#Peaks=1
					Step=0"
					Step=0"
					dt= 7.7s XEN=835203
					Cad=1.02s 1.024s/pixel
					Pitch=-504", Yaw=+379"
Event # = 9950		88/12/17 03:42		DOY=352	
88/12/17 03:42	DOY=352	Start	Peak	End times	
GOES	03:41	03:42	03:43	SMM Pointing: N26E29	Pitch=-444", Yaw=+431", Roll=0deg
HXRBS	03:41	03:42	03:43	Qual=01	H.Ang=39deg
BCS	03:42:44	03:42:54	03:43:13	Importance=C4	
FCS	03:42:44	03:42:54	03:43:13	Peak...c/s=119	
UVSP	03:35	03:35	03:43	WaveLength=1375A	
					MaxkeV=102
					Rast=10"x10"
					Step=0"
					Pitch=-444", Yaw=+432"
Event # = 9951		88/12/17 03:48		DOY=352	
88/12/17 03:48	DOY=352	Start	Peak	End times	
Optical	03:43	03:48	03:52	SMM Pointing: N26E29	Pitch=-444", Yaw=+431", Roll=0deg
GOES	03:43	03:48	03:52	Ha...Class=SN	H.Ang=39deg
HXRBS	03:44:50	03:46:05	03:49:11	Importance=M3	
UVSP	03:48	03:48	03:52	Peak...c/s=3367	
				WaveLength=1375A	
					Mac.=EKI
					Carr. Lon.=326deg
					Flags=FS
					Step=0"
					Pitch=-499", Yaw=+395"



Event # = 9952									
88/12/17, 04:51	DOY=352	SMM Pointing:		N26E29	Pitch=-444", Yaw=+431", Roll=0deg		H.Ang=39deg		
GOES	Start	End times							
04:39	04:51	04:54	Importance=C3	Qual=01					
HXRBS	04:50:38	04:51:12	04:52:29	Peak...c/s=162	Qual=01				
UVSP	04:52	Type/Intensity:		Wavelength=1375A	Code=02				
Radio Sweeps	Frequency(MHz)/Flux(sfu):		8800/40	15400/170					
				Tot Cts=3406	MaxkeV=143				
				Exp #=80242	Rast=265"x265"				
				Step=5"	Pitch=-436", Yaw=+435"				
-----									
Event # = 9953									
88/12/17, 05:02	DOY=352	SMM Pointing:		N26E29	Pitch=-443", Yaw=+421", Roll=0deg		H.Ang=39deg		
Optical	Start	End times							
04:54	05:02	05:27	Ha....Class=SF	N28E30	AR5278	Mac.=EKC	Carr.Lon.=273deg	H.Ang=41deg	
GOES	04:55:24	04:59:23	05:07:27	Importance=M3	Qual=01	MaxkeV=230	Flags=M1		
HXRBS	04:55:24	04:59:23	05:07:27	Peak...c/s=1187	Qual=01	FePeak.c/s=776	#Peaks=1	XEN=835204	
BCS	04:52	05:01	05:47	CaPeak.c/s=2432	Qual=1	Rast=240"x240"	dt= 3.8s		
FCS	Type/Intensity:		Wavelength=1375A	Code=00	Exp #=80245	Rast=10"x10"	Cad= 590s	XEN=835204	
UVSP	04:54	Frequency(MHz)/Flux(sfu):		8800/250	Exp #=80245	Step=0"	Pitch=-479", Yaw=+407"		
Radio Sweeps	Wavelength=1375A		Code=00	Exp #=80245					
Wavelength=1375A	Code=00		Exp #=80245	Tot Cts=1.01E+5					
FePeak=05:01	Step=0"		Pitch=-479"	Yaw=+407"					
dt= 3.8s	Cad= 590s		1.024s/pixel						
-----									
Event # = 9954									
88/12/17, 05:13:19	DOY=352	SMM Pointing:		N26E29	Pitch=-443", Yaw=+421", Roll=0deg		H.Ang=39deg		
Optical	Start	End times							
05:13	05:20	05:47	Ha....Class=SF	N28E30	AR5278	Mac.=EKC	Carr.Lon.=273deg	H.Ang=40deg	
GOES	05:13:19	05:13:47	Importance=M3	Qual=01	MaxkeV=102	Flags=EN			
HXRBS	05:13:19	05:13:47	Peak...c/s=50	Qual=01	FePeak.c/s=7	#Peaks=1	dt= 3.8s	XEN=835205	
BCS	05:13:19	05:13:47	CaPeak.c/s=161	Qual=5	Rast=240"x240"	dt= 3.8s	Cad= 590s	XEN=835205	
FCS	05:22	06:22	07:20	Wavelength=1375A	Code=00	Rast=10"x10"	Step=0"	Pitch=-464", Yaw=+428"	
UVSP	05:35	Frequency(MHz)/Flux(sfu):		8800/250	Exp #=80254	Step=0"	Pitch=-464", Yaw=+428"		
Radio Sweeps	Wavelength=1375A		Code=00	Exp #=80254					
Wavelength=1375A	Code=00		Exp #=80254	Tot Cts=25943					
FePeak=06:22	Step=0"		Pitch=-464"	Yaw=+428"					
dt= 3.8s	Cad= 590s		1.024s/pixel						
-----									
Event # = 22091									
88/12/17, 07:57	DOY=352	SMM Pointing:		N26E29	Pitch=-443", Yaw=+421", Roll=0deg		H.Ang=39deg		
Optical	Start	End times							
07:56	07:57	08:13	Ha....Class=IN	N29E27	AR5278	Mac.=EKC	Carr.Lon.=275deg	H.Ang=40deg	
GOES	07:56	08:13	Importance=M3	Qual=03	MaxkeV=102	Flags=EN			
BCS	07:56	08:13	Peak...c/s=172	Qual=03	FePeak.c/s=7	#Peaks=1	dt= 3.8s	XEN=835205	
FCS	07:56	08:13	CaPeak.c/s=161	Qual=5	Rast=240"x240"	dt= 3.8s	Cad= 590s	XEN=835205	
UVSP	08:00	Type/Intensity:		Wavelength=1375A	Code=00	Rast=10"x10"	Step=0"	Pitch=-464", Yaw=+428"	
Radio Sweeps	Wavelength=2788A		Code=00	Exp #=80254					
Wavelength=2788A	Code=00		Exp #=80254	Tot Cts=25943					
FePeak=07:59	Step=0"		Pitch=-436"	Yaw=+412"					
dt= 7.7s	Cad= 3840s		1.024s/pixel						
-----									
Event # = 22092									
88/12/17, 08:45	DOY=352	SMM Pointing:		N26E29	Pitch=-443", Yaw=+421", Roll=0deg		H.Ang=39deg		
Optical	Start	End times							
08:45	08:45	08:49	Ha....Class=IN	N29E27	AR5278	Mac.=EKC	Carr.Lon.=275deg	H.Ang=40deg	
GOES	08:45	08:49	Importance=M3	Qual=03	MaxkeV=102	Flags=EN			
BCS	08:45	08:49	Peak...c/s=172	Qual=03	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=835206	
FCS	08:45	08:49	CaPeak.c/s=161	Qual=5	Rast=240"x240"	dt= 7.7s	Cad= 3840s	XEN=835206	
UVSP	08:00	Type/Intensity:		Wavelength=1375A	Code=00	Rast=15"x15"	Step=3"	Pitch=-436", Yaw=+412"	
Radio Sweeps	Wavelength=2788A		Code=00	Exp #=80268					
Wavelength=2788A	Code=00		Exp #=80268	Tot Cts=25943					
FePeak=07:59	Step=0"		Pitch=-436"	Yaw=+412"					
dt= 7.7s	Cad= 3840s		1.024s/pixel						
-----									
Event # = 9956									
88/12/17, 11:29	DOY=352	SMM Pointing:		N26E25	Pitch=-444", Yaw=+376", Roll=0deg		H.Ang=37deg		
Optical	Start	End times							
11:29:18	11:29:33	11:30:00	Ha....Class=SF	N28E30	AR5278	Mac.=EKC	Carr.Lon.=273deg	H.Ang=41deg	
GOES	11:29:18	11:29:33	Importance=M3	Qual=01	MaxkeV=230	Flags=M1			
HXRBS	11:29:18	11:29:33	Peak...c/s=1187	Qual=01	FePeak.c/s=776	#Peaks=1	dt= 7.7s	XEN=835207	
UVSP	11:58	Type/Intensity:		Wavelength=1375A	Code=00	Rast=115"x115"	dt= 7.7s	XEN=835207	
Radio Sweeps	Frequency(MHz)/Flux(sfu):		8800/250	Exp #=80245	Rast=243"x243"	Cad=1083s	Cad=1083s	XEN=835207	
Wavelength=2788A	Code=00		Exp #=80245	Tot Cts=181	Step=3"	Pitch=-436", Yaw=+412"			
MaxkeV=102	Step=0"		Pitch=-310"	Yaw=+299"					
dt= 3.8s	Cad= 590s		1.024s/pixel						



88/12/18 DOY=353									
Event # = 9959	88/12/18,01:32	DOY=353	SMM Pointing:	End times			Pitch=-446",Yaw=+269",Roll=0deg	H.Ang=32deg	
Optical	Start	Peak							
GOES	01:29	01:32	Ha...Class=SF	01:43	N26E18				
HXRBS	01:28:16	01:29:59	Importance=C2	01:30:32	N28E11	AR5278	Mac.=EKC	Carr.Lon.=280deg	H.Ang=31deg
BCS	01:31	01:31	Peak...c/s=76	01:34	Qual=01				
FCS			CaPeak.c/s=22		Qual= 4	Tot Cts=1578	MaxkeV=102	dt= 7.7s	XEN=835300
UVSP	01:26		Wave length=1375A		Code=00	FePeak=01:31	FePeak.c/s=7	Cad=1.02s	1.024s/pixel
					Exp #=80337		Rast=0"x0"	Step=0"	
							Rast=10"x10"	Pitch=0"	Pitch=-447",Yaw=+343"
Event # = 22097									
88/12/18,04:16	DOY=353			End times					
GOES	Start	Peak							
BCS	04:15	04:16	CaPeak.c/s=30	04:28	Qual=00	FePeak=04:16	FePeak.c/s=6	dt= 7.7s	XEN=835301
FCS		04:23	Peak3...c/s=515		Qual= 4	Rast=0"x0"	Rast=0"x0"	Cad=1.02s	1.024s/pixel
UVSP	04:16		Wave length=1375A		Exp #=80357		Rast=265"x265"	Step=5"	Pitch=-440",Yaw=+257"
Event # = 22098									
88/12/18,04:59	DOY=353			End times					
Optical	Start	Peak							
GOES	04:51	04:59	Ha...Class=SF	05:14	N23E12	AR5278	Mac.=EKC	Carr.Lon.=277deg	H.Ang=27deg
BCS	04:54	04:58	Importance=C4	05:09	Qual=03				
FCS			CaPeak.c/s=125		Qual= 1	FePeak=04:57	FePeak.c/s=29	dt= 3.8s	XEN=835302
UVSP	04:47		Wave length=1375A		Code=00		Rast=300"x240"	Cad= 328s	1.024s/pixel
					Exp #=80366		Rast=10"x10"	Step=0"	Pitch=-418",Yaw=+236"
Event # = 9960									
88/12/18,07:32	DOY=353		SMM Pointing:	End times			Pitch=-447",Yaw=+220",Roll=0deg	H.Ang=31deg	
Optical	Start	Peak							
HXRBS	07:31:34	07:32:36	Peak...c/s=368	07:34:07	N26E15		MaxkeV=686	Flags=FS,NS,GB	
UVSP	07:27		Wave length=1375A		Qual=01	Tot Cts=8383	Rast=10"x10"	Step=0"	Pitch=-418",Yaw=+325"
					Exp #=80386				
Event # = 9961									
88/12/18,09:17	DOY=353		SMM Pointing:	End times			Pitch=-447",Yaw=+208",Roll=0deg	H.Ang=30deg	
Optical	Start	Peak							
GOES	09:13	09:17	Ha...Class=SN	09:24	N26E14	AR5278	Mac.=EKC	Carr.Lon.=280deg	H.Ang=24deg
HXRBS	09:12:18	09:14:22	Importance=M1	09:25:21	N22E07				
BCS	09:13	09:16	Peak...c/s=295	09:31	Qual=01	Tot Cts=18339	MaxkeV=187	#Peaks=1	dt= 3.8s
FCS			CaPeak.c/s=569		Qual= 1	FePeak=09:15	FePeak.c/s=147	Step=15"	XEN=835303
UVSP	09:15		Wave length=1375A		Code=00		Rast=300"x240"	Cad= 328s	1.024s/pixel
Radio	Frequency(MHz)/Flux(sfu):	245/83	410/57	15400/60	Exp #=80402		Rast=10"x10"	Step=0"	Pitch=-443",Yaw=+286"
Event # = 22099									
88/12/18,09:31	DOY=353			End times					
GOES	Start	Peak							
BCS	09:31	09:31	CaPeak.c/s=24	09:35	Qual=00	FePeak=09:31	FePeak.c/s=7	dt= 7.7s	XEN=835304
FCS			Wave length=1375A		Qual= 5	Rast=240"x240"	Rast=240"x240"	Cad= 590s	1.024s/pixel
UVSP	09:28				Exp #=80405		Rast=10"x10"	Step=0"	Pitch=-453",Yaw=+274"



Event # = 9969									
88/12/18, 22:08		DOY=353	SMM Pointing:			N26E07	Pitch=-452", Yaw=+109", Roll=0deg		H. Ang=28deg
GOES 21:49		22:08	End times						
HXRBS 21:58:34		22:02:02	22:03:11		Importance=C8	Qual=03			
UVSP 21:59					Peak...c/s=61	Qual=01			
					Wavelength=1375A	Code=00	Tot Cts=1511		
							Exp #=80466		
							MaxkeV=102		
							Rast=10"x10"		
							Step=0"		
							Pitch=-430", Yaw=+69"		
88/12/19 DOY=354									
Event # = 9970									
88/12/19, 00:57		DOY=354	SMM Pointing:			N26E05	Pitch=+76", Yaw=+449", Roll=90deg		H. Ang=28deg
Optical									
GOES 00:25		00:57	01:40		Ha...Class=1B	Qual=03			
HXRBS 00:40:00		00:44:43	00:49:13		Importance=M1	Qual=01			
UVSP 00:52					Peak...c/s=83	Qual=01			
Radio Sweeps		Type/Intensity:			Wavelength=1375A	Code=00	Tot Cts=5065		
Radio Frequency(MHz)/Flux(sfu):		111/1					Exp #=80486		
		245/97		410/100		606/57			
88/12/19, 02:22 DOY=354									
Event # = 11090									
88/12/19, 02:22		DOY=354	SMM Pointing:			N26E05	Pitch=-449", Yaw=+70", Roll=0deg		H. Ang=28deg
Optical									
GOES 02:14		02:22	03:00		Ha...Class=SF	Qual=01			
HXRBS 02:13:32		02:14:20	02:15:27		Importance=C8	Qual=01			
UVSP 02:11					Peak...c/s=63	Qual=01			
Radio Frequency(MHz)/Flux(sfu):		410/40		606/290		Code=00	Tot Cts=917		
							Exp #=80496		
88/12/19, 10:23 DOY=354									
Event # = 9971									
88/12/19, 10:23		DOY=354	SMM Pointing:			N26W00	Pitch=-450", Yaw=+3", Roll=0deg		H. Ang=27deg
GOES									
HXRBS 10:23:01		10:23:06	10:23:23		Peak...c/s=60	Qual=01	Tot Cts=147		
UVSP 10:00					Wavelength=2788A		Exp #=80559		
88/12/19, 11:44 DOY=354									
Event # = 22100									
88/12/19, 11:44		DOY=354	SMM Pointing:			N26E09	Pitch=-450", Yaw=+3", Roll=0deg		H. Ang=21deg
Optical									
GOES 11:44		11:44	11:54		Ha...Class=SF	Qual=00			
BCS 11:44					CaPeak.c/s=19	Qual=1			
FCS 11:39					Wavelength=1375A				
UVSP 11:39							FePeak=11:46		
							Exp #=80564		
88/12/19, 12:22 DOY=354									
Event # = 22101									
88/12/19, 12:22		DOY=354	SMM Pointing:			N26W00	Pitch=-450", Yaw=+3", Roll=0deg		H. Ang=58deg
Optical									
GOES 12:16		12:22	12:40		Ha...Class=SF	Qual=02			
BCS 12:13		12:23	12:26		Importance=C4	Qual=1			
FCS 12:22					CaPeak.c/s=52				
UVSP 12:22					Wavelength=2788A	Code=02	FePeak=12:22		
							Exp #=80571		
							dt= 3.8s		
							XEN=835401		
							Cad=1.02s		
							Pitch=-315", Yaw=-85"		

Event # = 22102									
88/12/19, 14:54	DOY=354	Peak	End times	Ha...Class=SF	S31W46	AR5273	Mac.=FAI	Carr. Lon.=317deg	H. Ang=52deg
Optical					Qual=00				
GOES	14:51	14:54	15:28	CaPeak.c/s=25	Qual=1	FePeak=14:51	FePeak.c/s=8	#Peaks=1 dt= 7.7s	XEN=835402
BCS							Rast=0"x0"	Step=0" Cad=1.02s	1.024s/pixel
FCS							Rast=180"x1"	Step=0" Pitch=0"	
UVSP	14:26			Wave length=2788A		Exp #=80574			Yaw=-101"
Event # = 9972									
88/12/19, 16:18	DOY=354	Peak	End times	SMM Pointing:	N26W03		Pitch=-451"	Yaw=-45"	Roll=0deg
GOES	16:10	16:18	16:50	Importance=C4	Qual=03				
HXRBS	16:10:17	16:10:59	16:11:35	Peak...c/s=146	Qual=01	Tot Cts=1159	MaxkeV=143	#Peaks=1 dt= 7.7s	XEN=835403
BCS	16:11	16:19	17:07	CaPeak.c/s=104	Qual=1	FePeak=16:15	Rast=300"x240"	Step=15" Cad= 328s	1.024s/pixel
FCS							Rast=180"x1"	Step=0" Pitch=0"	Yaw=-114"
UVSP	16:01			Wave length=2788A	Code=01	Exp #=80576			
Event # = 9973									
88/12/19, 21:13	DOY=354	Peak	End times	SMM Pointing:	N26W05		Pitch=-451"	Yaw=-84"	Roll=0deg
Optical				Ha...Class=SB	S31W47	AR5273	Mac.=FAI	Carr. Lon.=314deg	H. Ang=53deg
Optical				Ha...Class=SN	N23W39	AR5279		Carr. Lon.=306deg	H. Ang=45deg
GOES	21:09	21:13	21:20	Importance=C5	Qual=01				
HXRBS	21:10:30	21:10:43	21:10:50	Peak...c/s=62	Qual=01	Tot Cts=191	MaxkeV=143	Step=0" Pitch=0"	Yaw=+50"
UVSP	21:09			Wave length=1375A	Code=00	Exp #=80601	Rast=10"x10"		
				Associated		Event # = 9974			
HXRBS	21:11:56	21:12:01	21:12:21	Peak...c/s=47	Qual=01	Tot Cts=113	MaxkeV=102		
Event # = 9975									
88/12/19, 22:31	DOY=354	Peak	End times	SMM Pointing:	N26W06		Pitch=-451"	Yaw=-97"	Roll=0deg
Optical				Ha...Class=SF	N23W39	AR5279	Mac.=FKI	Carr. Lon.=306deg	H. Ang=45deg
GOES	22:29	22:31	22:37	Importance=C4	Qual=01				
HXRBS	22:29:48	22:30:02	22:30:18	Peak...c/s=92	Qual=01	Tot Cts=447	MaxkeV=102	Step=0" Pitch=0"	Yaw=-27"
UVSP	22:31			Wave length=1375A	Code=02	Exp #=80608	Rast=10"x10"		
88/12/20									
Event # = 9976									
88/12/20, 02:05	DOY=355	Peak	End times	SMM Pointing:	N26W08		Pitch=-450"	Yaw=-123"	Roll=0deg
Optical				Ha...Class=2N	S31W53	AR5273	Mac.=EKI	Carr. Lon.=318deg	H. Ang=58deg
GOES	01:52	02:05	02:13	Importance=M2	Qual=01				
HXRBS	01:51:06	02:01:56	02:06:07	Peak...c/s=265	Qual=01	Tot Cts=34732	MaxkeV=320	Step=0" Pitch=0"	Yaw=-111"
UVSP	02:05			Wave length=1375A	Code=02	Exp #=80640	Rast=10"x10"		
Radio Sweeps				Type/Intensity:					
Radio	Frequency (MHz)/Flux(sfu):	245/21	410/29	606/30	2695/97	4995/130	8800/85	15400/59	
Event # = 9977									
88/12/20, 02:11	DOY=355	Peak	End times	SMM Pointing:	N26W08		Pitch=-450"	Yaw=-123"	Roll=0deg
GOES	02:11:05	02:11:25	02:11:44	Peak...c/s=53	Qual=00				
HXRBS				Wave length=1375A	Qual=01	Tot Cts=138	MaxkeV=102	Step=0" Pitch=0"	Yaw=-111"
UVSP	02:05					Exp #=80640	Rast=10"x10"		

Event # = 9978									
88/12/20,02:18	Start	DOY=355	Peak	SMM Pointing:		N26W08	Pitch=-450", Yaw=-123", Roll=0deg		
Optical				Ha...Class=2N		S31W53			H.Ang=29deg
GOES	02:13	02:18	02:43	Importance=M1		Qual=01			
HXRBS	02:14:21	02:17:19	02:18:04	Peak...c/s=261		Qual=01			
UVSP	02:18			Wavelength=1375A		Code=02			
Radio Sweeps		Type/Intensity:		111/1					
Radio	Frequency (MHz)/Flux(sfu):			245/130 410/32 606/15 1415/80 2695/94 4995/120 8800/56 15400/22					
Event # = 22103									
88/12/20,06:26	Start	DOY=355	Peak	SMM Pointing:		N26W14	Pitch=-451", Yaw=-198", Roll=0deg		
Optical				Ha...Class=SF		Qual=01			H.Ang=31deg
GOES	06:19	06:26	06:36	Importance=C3		Qual=01			
BCS	06:22	06:27	06:36	CaPeak.c/s=36		Qual=1			
FCS				Wavelength=1375A		Code=00			
UVSP	06:18								
Event # = 9980									
88/12/20,11:28	Start	DOY=355	Peak	SMM Pointing:		N26W13	Pitch=-451", Yaw=-198", Roll=0deg		
GOES	11:23	11:28	11:44	Importance=C7		Qual=01			
HXRBS	11:23:53	11:24:29	11:24:54	Peak...c/s=289		Qual=03			
BCS	11:23	11:27	11:39	CaPeak.c/s=274		Qual=1			
FCS				Wavelength=2788A					
UVSP	11:49								
Event # = 9981									
88/12/20,12:44	Start	DOY=355	Peak	SMM Pointing:		N26W13	Pitch=-451", Yaw=-198", Roll=0deg		
GOES	12:18	12:44	15:32	Importance=M7		Qual=03			
HXRBS	12:26:04	12:26:35	14:13:56	Peak...c/s=1278		Qual=14			
GRS	12:26:00		12:44:00	Wavelength=2788A					
UVSP	12:18			1V/3					
Radio Sweeps		Type/Intensity:		245/2100 410/410 606/540 1415/800 2695/690 4995/1900 8800/2500 15400/3200					
Radio	Frequency (MHz)/Flux(sfu):								
Event # = 9984									
88/12/20,17:11	Start	DOY=355	Peak	SMM Pointing:		N26W16	Pitch=-452", Yaw=-247", Roll=0deg		
GOES				Peak...c/s=49		Qual=00			
HXRBS	17:10:57	17:11:16	17:11:42	Wavelength=1375A		Qual=01			
UVSP	17:11								
Event # = 9985									
88/12/20,17:12	Start	DOY=355	Peak	SMM Pointing:		N26W16	Pitch=-452", Yaw=-247", Roll=0deg		
GOES				Peak...c/s=54		Qual=00			
HXRBS	17:12:00	17:12:32	17:13:16	Wavelength=1375A		Qual=01			
UVSP	17:11								

Event # = 9986	DOY=355	SMM Pointing:	N26W16	Pitch=-452", Yaw=-247", Roll=0deg	H.Ang=32deg
88/12/20, 17:25	Peak	End times			
G0ES 17:22	17:25	Importance=C5	Qual=03		
HXRBS 17:23:15	17:24:37	Peak...c/s=69	Qual=01		
BCS 17:30	17:30	CaPeak.c/s=19	Qual= 3		
FCS					
UVSP 17:15		Wavelength=1375A	Code=00	Exp #=80709	dt= 7.7s XEN=835502 Cad=1.02s 1.024s/pixel Pitch=-468", Yaw=-338"
88/12/20, 18:42	Peak	End times			
G0ES 18:40	18:42	Importance=C5	Qual=04		
BCS 18:42	18:43	CaPeak.c/s=44	Qual= 5		
FCS					
UVSP 18:45		Wavelength=1375A	Code=02	Exp #=80713	dt= 7.7s XEN=835503 Cad=1.02s 1.024s/pixel Pitch=-445", Yaw=-263"
88/12/20, 20:17	Peak	End times			
G0ES 20:16	20:17	CaPeak.c/s=30	Qual=00		
BCS			Qual= 5		
FCS					
UVSP 20:18		Wavelength=1375A		Exp #=80720	dt= 7.7s XEN=835504 Cad=1.02s 1.024s/pixel Pitch=-445", Yaw=-276"
88/12/21, 00:10	Peak	End times			
G0ES 00:06	00:10	Importance=C3	Qual=03		
BCS 00:09	00:11	CaPeak.c/s=26	Qual= 2		
UVSP 00:09		Wavelength=1375A	Code=00	Exp #=80752	dt= 7.7s XEN=835600 Pitch=-517", Yaw=-274"
88/12/21, 02:50	Peak	End times			
G0ES 02:48	02:50	Importance=C3	Qual=01		
HXRBS 02:48:06	02:48:19	Peak...c/s=87	Qual=01		
UVSP					
88/12/21, 02:48:49	02:49:03	02:49:17	Associated		
HXRBS			Qual=01		
UVSP					
88/12/21, 06:14	Peak	End times			
G0ES 06:06	06:14	Ha...Class=SF	N26W23		
HXRBS 06:09:59	06:11:39	Importance=C5	N27W27		
BCS 06:11	06:13	Peak...c/s=69	Qual=01		
FCS		CaPeak.c/s=30	Qual=01		
UVSP 05:43		Wavelength=2788A	Code=00		
Radio		606/1			



Event # = 22107									
88/12/21, 12:44 DOY=356									
Start Peak End times									
GOES	12:33	12:44	12:49	Qual=00					
BCS				Qual=3	FePeak=12:38				
FCS						FePeak.c/s=14	#Peaks=1	dt= 7.7s	XEN=835602
UVSP	12:45					Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
						Rast=180"x1"	Step=0"	Pitch=-316"	Yaw=-234"
Wavelength=2788A Exp #=80799									
Event # = 9990									
88/12/21, 15:24 DOY=356									
Start Peak End times									
Optical				N26W28					
GOES	15:20	15:24	15:44	Ha...Class=SF		Pitch=-452"	Yaw=-413"	Roll=0deg	H.Ang=39deg
HXRBS	15:20:54	15:21:09	15:22:08	Importance=C3	AR5280	Mac.=FAI	Carr.Lon.=261deg		H.Ang=33deg
UVSP	15:52			Peak...c/s=122		MaxkeV=143	Flags=ES		
Radio				Wavelength=2788A	Tot Cts=1150	Rast=180"x1"	Step=0"	Pitch=-318"	Yaw=-257"
Frequency(MHz)/Flux(sfu): 606/280 Exp #=80803									
Event # = 11859									
88/12/21, 15:57 DOY=356									
Start Peak End times									
Optical				N26W28					
GOES	15:53	15:57	16:07	Ha...Class=SF		Pitch=-452"	Yaw=-413"	Roll=0deg	H.Ang=39deg
HXRBS	15:53:05	15:54:35	15:55:16	Importance=M2	AR5273	Mac.=FKI	Carr.Lon.=311deg		H.Ang=70deg
UVSP	15:52			Peak...c/s=554		MaxkeV=230	Flags=M1,EN,SA		
Wave length=2788A Code=00 Exp #=80803									
Event # = 22108									
88/12/21, 19:46 DOY=356									
Start Peak End times									
GOES	19:41	19:46	20:15	Qual=00					
BCS				Qual=5	FePeak=19:41				
FCS						FePeak.c/s=14	#Peaks=1	dt= 7.7s	XEN=835603
UVSP	19:44					Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
						Rast=265"x265"	Step=5"	Pitch=-444"	Yaw=-458"
Wave length=1375A Exp #=80812									
Event # = 9991									
88/12/21, 23:20 DOY=356									
Start Peak End times									
Optical				N26W32					
GOES	23:15	23:20	23:25	Importance=C2		Pitch=-454"	Yaw=-469"	Roll=0deg	H.Ang=42deg
HXRBS	23:21:01	23:21:19	23:21:45	Peak...c/s=74		MaxkeV=102			
BCS	23:22	23:22	23:23	CaPeak.c/s=19	Tot Cts=412	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=835604
FCS					FePeak=23:22	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
UVSP	23:07					Rast=10"x10"	Step=0"	Pitch=-451"	Yaw=-475"
Wavelength=1375A Code=00 Exp #=80838									
Event # = 22109									
88/12/21, 23:32 DOY=356									
Start Peak End times									
Optical				Qual=01					
GOES	23:25	23:32	23:40	Importance=C3		FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=835605
BCS	23:30	23:33	23:34	CaPeak.c/s=30	FePeak=23:31	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
UVSP	23:22					Rast=10"x10"	Step=0"	Pitch=-431"	Yaw=-476"
Wavelength=1375A Code=00 Exp #=80841									

		88/12/22		DOY=357			
Event # = 9994 88/12/22,00:23 Start		DOY=357 Peak	SMM Pointing: N26W33	Pitch=-450", Yaw=-479", Roll=0deg	H.Ang=42deg		
Optical	End times		Ha...Class=SF Importance=C4 Peak...c/s=48 Wavelength=1375A Code=02 III/I1	Mac.=CSO MaxkeV=102 Rast=265"x265" Step=5"	Carr.Lon.=169deg H.Ang=72deg Pitch=-443", Yaw=-492"		
G0ES 00:18	00:23	00:30	Qual=01	Tot Cts=115			
G0ES 00:21:33	00:21:36	00:21:58	Qual=01	Exp #=80845			
HXRBS 00:21:33			Code=02				
UVSP 00:24							
Radio Sweeps							
Event # = 9992 88/12/22,05:19 Start		DOY=357 Peak	SMM Pointing: N26W36	Pitch=-450", Yaw=-511", Roll=0deg	H.Ang=44deg		
Optical	End times		Ha...Class=SF Importance=C3 Peak...c/s=50 Wavelength=1375A Code=00	Mac.=CSO MaxkeV=144 Rast=10"x10" Step=0"	Carr.Lon.=169deg H.Ang=72deg Pitch=-421", Yaw=-568"		
G0ES 05:13	05:19	05:24	Qual=01	Tot Cts=427			
G0ES 05:15:17	05:15:48	05:16:42	Qual=01	Exp #=80887			
HXRBS 05:15:17			Code=00				
UVSP 05:10							
Event # = 9993 88/12/22,08:25 Start		DOY=357 Peak	SMM Pointing: N26W37	Pitch=-449", Yaw=-532", Roll=0deg	H.Ang=45deg		
Optical	End times		Ha...Class=SF Importance=C4 Peak...c/s=50 Wavelength=2788A Code=00	Mac.=EAO MaxkeV=102 Rast=243"x243" Step=3"	Carr.Lon.=301deg H.Ang=70deg Pitch=-442", Yaw=-547"		
G0ES 08:21	08:25	08:40	Qual=01	Tot Cts=522			
G0ES 08:22:55	08:23:23	08:24:06	Qual=01	Exp #=80910			
HXRBS 08:22:55			Code=00				
UVSP 08:16							
Event # = 22110 88/12/22,11:09 Start		DOY=357 Peak	SMM Pointing: N22W68	Pitch=-449", Yaw=-532", Roll=0deg	H.Ang=70deg		
Optical	End times		Ha...Class=SF Importance=C9 CaPeak.c/s=87	Mac.=EAO FePeak.c/s=7 Rast=240"x240" Step=10"	Carr.Lon.=301deg H.Ang=70deg dt= 7.7s XEN=835700 Cad= 590s 1.024s/pixel		
G0ES 11:00	11:09	11:34	Qual=05	AR5279			
G0ES 11:00	11:09	11:45	Qual= 5	FePeak=11:27			
BCS 11:27	11:27						
FCS							
Event # = 22111 88/12/22,13:36 Start		DOY=357 Peak	SMM Pointing: N15W34	Pitch=-449", Yaw=-532", Roll=0deg	H.Ang=38deg		
Optical	End times		Ha...Class=SF Importance=C4 CaPeak.c/s=26	Mac.=DAO FePeak.c/s=13 Rast=0"x0" Step=0"	Carr.Lon.=266deg H.Ang=38deg dt= 7.7s XEN=835701 Cad=1.02s 1.024s/pixel Pitch=-314", Yaw=-412"		
G0ES 13:31	13:36	13:58	Qual=03	AR5287			
G0ES 13:31	13:36	13:48	Qual= 2	FePeak=13:39			
BCS 13:39	13:45			Exp #=80916			
FCS							
UVSP 13:44							
Event # = 22112 88/12/22,22:13 Start		DOY=357 Peak	SMM Pointing: N15W34	Pitch=-449", Yaw=-532", Roll=0deg	H.Ang=38deg		
Optical	End times		Ha...Class=SF Importance=C3 CaPeak.c/s=32	Mac.=DAO FePeak.c/s=6 Rast=0"x0" Step=0"	Carr.Lon.=266deg H.Ang=38deg dt= 7.7s XEN=835702 Cad=1.02s 1.024s/pixel Pitch=-441", Yaw=-636"		
G0ES 22:10	22:13	22:19	Qual=05	AR5294			
G0ES 22:10	22:13	22:17	Qual= 1	FePeak=22:14			
BCS 22:14	22:14			Exp #=80942			
FCS							
UVSP 22:16							

Event # = 9995									
88/12/22, 22:38	DOY=357	Start	End times	SMM Pointing:	N26W44	Pitch=-449" , Yaw=-615" , Roll=0deg	H. Ang=51deg		
GOES 22:35	22:38	22:41		Importance=C3	Qual=01				
HXRBS 22:36:12	22:36:37	22:36:51		Peak...c/s=54	Qual=01				
BCS 22:37	22:38	22:40		CaPeak.c/s=27	Qual= 4				
FCS									
UVSP 22:33				Wave length=1375A	Code=00				
Event # = 9996									
88/12/22, 22:57	DOY=357	Start	End times	SMM Pointing:	N26W44	Pitch=-449" , Yaw=-615" , Roll=0deg	H. Ang=51deg		
Optical				Ha...Class=SF	N22E28				
GOES 22:55	22:57	23:02		Importance=C4	Qual=01				
HXRBS 22:56:34	22:56:48	22:56:54		Peak...c/s=65	Qual=01				
UVSP 22:47				Wave length=1375A	Code=00				
Event # = 9997									
88/12/22, 23:27	DOY=357	Start	End times	SMM Pointing:	N26W46	Pitch=-448" , Yaw=-627" , Roll=0deg	H. Ang=52deg		
Optical				Ha...Class=2F	N28W43				
Optical				Ha...Class=1N	N26W41				
Optical				Ha...Class=SN	S33W82				
GOES 23:02	23:27	01:45		Importance=M5	Qual=05				
HXRBS 23:46:02	23:47:00	00:15:19		Peak...c/s=82	Qual=02				
BCS 23:48	23:51	00:37		CaPeak.c/s=1816	Qual= 5				
FCS									
UVSP 23:50				Wave length=1375A					
Radio Sweeps				II/I III/I IV/I					
Radio Frequency (MHz)/Flux(sfu):	245/48	410/420	606/440	1415/58	2695/150	4995/170	8800/140	15400/63	
----- Associated Event # = 9998 -----									
HXRBS 00:16:05	00:16:14	00:16:28		Peak...c/s=121	Qual=01				
UVSP 00:08				Wave length=1375A					
88/12/23 DOY=358									
Event # = 9999									
88/12/23, 02:05	DOY=358	Start	End times	SMM Pointing:	N26W47	Pitch=-449" , Yaw=-638" , Roll=0deg	H. Ang=53deg		
GOES									
HXRBS 02:05:26	02:05:46	02:06:05		Peak...c/s=56	Qual=00				
UVSP 01:54				Wave length=1375A	Qual=01				
Event # = 22113									
88/12/23, 04:57	DOY=358	Start	End times						
GOES									
BCS 04:52	04:57	04:58		CaPeak.c/s=25	Qual= 3				
FCS									
UVSP 04:48				Wave length=1375A					
Event # = 10000									
88/12/23, 06:45	DOY=358	Start	End times	SMM Pointing:	N26W49	Pitch=-447" , Yaw=-659" , Roll=0deg	H. Ang=55deg		
GOES									
HXRBS 06:43	06:45	06:55		Importance=C4	Qual=01				
UVSP 06:43:50	06:44:17	06:44:39		Peak...c/s=109	Qual=01				
UVSP 06:08				Wave length=2788A	Code=00				

Event # = 10001									
88/12/23, 09:28	DOY=358	SMM Pointing:	N26W51	Pitch=-446", Yaw=-680", Roll=0deg	H.Ang=56deg				
GOES	Start	End times							
HXRBS	09:28:29	09:28:31	09:28:59	MaxkeV=102					
UVSP	09:03			Rast=180"x1"	Pitch=-312", Yaw=-526"				
				Tot Cts=318					
				Exp #=81007					
Event # = 10002									
88/12/23, 15:18	DOY=358	SMM Pointing:	N26W53	Pitch=-449", Yaw=-701", Roll=0deg	H.Ang=58deg				
Optical	Start	End times							
GOES	15:10	15:18	16:50	Mac.=DAO					
HXRBS	15:26:12	15:26:26	15:26:57	MaxkeV=187	H.Ang=89deg				
UVSP	15:18			Rast=180"x1"					
Radio Sweeps		Type/Intensity:	11/1	Flags=ND					
				Step=0"	Pitch=-312", Yaw=-558"				
Event # = 22114									
88/12/23, 18:39	DOY=358	SMM Pointing:	N26W56	Pitch=-446", Yaw=-731", Roll=0deg	H.Ang=61deg				
GOES	Start	End times							
BCS	18:32	18:39	18:48	Mac.=DKC					
FCS				Carr.Lon.=273deg					
UVSP	18:37			MaxkeV=102	H.Ang=64deg				
				FePeak.c/s=7					
				Rast=0"x0"					
				Rast=10"x10"					
				#Peaks=1	dt= 7.7s				
				Step=0"	Cad=1.02s				
				Step=0"	Pitch=-381", Yaw=-648"				
Event # = 10004									
88/12/23, 20:20	DOY=358	SMM Pointing:	N26W56	Pitch=-446", Yaw=-731", Roll=0deg	H.Ang=61deg				
Optical	Start	End times							
GOES	20:17	20:20	20:38	Mac.=DKC					
HXRBS	20:19:10	20:19:59	20:20:06	Carr.Lon.=273deg					
BCS	20:18	20:21	20:32	MaxkeV=102					
FCS				FePeak.c/s=9					
UVSP	20:11			Rast=300"x240"					
				Rast=10"x10"					
				#Peaks=1	dt= 3.8s				
				Step=15"	Cad= 328s				
				Step=0"	Pitch=-506", Yaw=-730"				
				Exp #=81027					
				Event # = 10003					
				Tot Cts=233					
Event # = 10005									
88/12/23, 20:51	DOY=358	SMM Pointing:	N26W56	Pitch=-446", Yaw=-731", Roll=0deg	H.Ang=61deg				
GOES	Start	End times							
HXRBS	20:38	20:51	21:00	Mac.=DKC					
UVSP	20:38:08	20:38:53	20:40:09	Carr.Lon.=273deg					
				MaxkeV=102					
				Rast=10"x10"					
				Step=0"	Pitch=-461", Yaw=-678"				
				Tot Cts=1651					
				Exp #=81033					
88/12/24 DOY=359									
88/12/24, 01:40	DOY=359	SMM Pointing:	N26W59	Pitch=-444", Yaw=-752", Roll=0deg	H.Ang=63deg				
GOES	Start	End times							
HXRBS	01:32	01:40	01:51	Mac.=DKC					
UVSP	01:36:24	01:37:15	01:38:34	Carr.Lon.=273deg					
				MaxkeV=102					
				Rast=10"x10"					
				Step=0"	Pitch=-364", Yaw=-704"				
				Tot Cts=595					
				Exp #=81069					

Event # = 10007									
88/12/24, 04:18	DOY=359	Peak	End times	SMM Pointing:	N26W60	Pitch=-443", Yaw=-762", Roll=0deg	H. Ang=64deg		
GOES									
HXRBS	04:18:01	04:18:04	04:18:17	Peak...c/s=53	Qual=00	MaxkeV=102			
UVSP	04:13			Wavelength=1375A	Qual=01	Rast=10"x10"	Pitch=0"	Pitch=-364", Yaw=-725"	
Event # = 22115									
88/12/24, 10:26	DOY=359	Peak	End times						
GOES	10:03	10:26	10:49	Importance=C6	Qual=01	FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=835900
BCS	10:16	10:16	10:18	CaPeak.c/s=36	Qual= 1	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
FCS				Wavelength=2788A		Rast=180"x1"	Step=0"	Pitch=-307", Yaw=-639"	
UVSP	10:02					Exp #=81101			
Event # = 22116									
88/12/24, 22:53	DOY=359	Peak	End times						
GOES	22:51	22:53	22:56	Importance=C3	Qual=01	FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=835901
BCS	22:53	22:54	23:02	CaPeak.c/s=39	Qual= 1	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
FCS				Wavelength=1375A	Code=00	Rast=10"x10"	Step=0"	Pitch=-434", Yaw=-853"	
UVSP	22:45					Exp #=81137			
Event # = 22117									
88/12/25, 00:12	DOY=360	Peak	End times						
Optical									
GOES	00:00	00:12	00:45	Ha...Class=SF	N18W21	Mac.=DAO	Carr. Lon.=221deg	H. Ang=29deg	
BCS	00:12	00:13	00:23	Importance=C6	Qual=04	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=836000
FCS				CaPeak.c/s=41	Qual= 5	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
UVSP	00:15			Wavelength=1375A	Code=02	Rast=265"x265"	Step=5"	Pitch=-431", Yaw=-855"	
Event # = 22118									
88/12/25, 02:28	DOY=360	Peak	End times						
GOES	02:23	02:28	02:38	Importance=C4	Qual=01	FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=836001
BCS	02:28	02:30	02:38	CaPeak.c/s=25	Qual= 1	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
FCS				Wavelength=1375A	Code=00	Rast=10"x10"	Step=0"	Pitch=-468", Yaw=-852"	
UVSP	02:18					Exp #=81159			
Event # = 22119									
88/12/25, 03:39	DOY=360	Peak	End times						
GOES	03:32	03:39	03:50	Importance=C3	Qual=01	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=836002
BCS	03:38	03:39	03:43	CaPeak.c/s=19	Qual= 4	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
FCS				Wavelength=1375A	Code=02	Rast=10"x10"	Step=0"	Pitch=-468", Yaw=-856"	
UVSP	03:39					Exp #=81166			

Event # = 22120	DOY=360	End times	Importance=C3	Qual=01	FePeak=06:39	dt= 3.8s	XEN=836003
88/12/25,06:42	Peak	06:42	CaPeak.c/s=79	Qual= 1	Exp #=81180	Cad= 590s	1.024s/pixel
GOES 06:33	Start	07:00				Pitch=-302"	Yaw=-698"
BCS 06:35	Peak	07:05					
FCS 06:21	Peak						
UVSP 06:21	Peak						
Radio Frequency(MHz)/Flux(sfu):			WaveLength=2788A				
			410/52				
Event # = 10008	DOY=360	End times	SMM Pointing:	N26W74	Pitch=-437"	Yaw=-845"	Roll=0deg
88/12/25,08:17	Peak	08:17					H.Ang=77deg
GOES 08:12	Start	08:50	Importance=C3	Qual=01	MaxkeV=102	Step=0"	Pitch=-302"
HXRBS 08:13:10	Peak	08:13:33	Peak...c/s=65	Qual=01	Rast=180"x1"		Yaw=-701"
UVSP 07:54	Peak	08:13:59	WaveLength=2788A				
Event # = 10009	DOY=360	End times	SMM Pointing:	N26W74	Pitch=-437"	Yaw=-845"	Roll=0deg
88/12/25,08:55	Peak	09:10					H.Ang=77deg
GOES 08:53	Start	09:10	Importance=C3	Qual=03	MaxkeV=230	Flags=M1,EG	
HXRBS 08:53:22	Peak	08:54:00	Peak...c/s=315	Qual=03	FePeak.c/s=23	#Peaks=1	dt= 3.8s
BCS 08:54	Peak	08:55	CaPeak.c/s=81	Qual= 1	Rast=300"x240"	Cad= 328s	1.024s/pixel
FCS 08:51	Peak	08:56			Rast=180"x1"	Step=0"	Pitch=-301"
UVSP 08:51	Peak	08:56	WaveLength=2788A	Code=00			Yaw=-703"
Event # = 10010	DOY=360	End times	SMM Pointing:	N26W74	Pitch=-437"	Yaw=-845"	Roll=0deg
88/12/25,09:58	Peak	10:01					H.Ang=77deg
GOES 09:54	Start	10:01	Importance=C4	Qual=01	MaxkeV=102	Step=0"	Pitch=-301"
HXRBS 09:55:32	Peak	09:56:18	Peak...c/s=57	Qual=01	Rast=180"x1"		Yaw=-706"
UVSP 10:26	Peak	09:56:18	WaveLength=2788A				
Radio Frequency(MHz)/Flux(sfu):			606/71 15400/37				
Event # = 10011	DOY=360	End times	SMM Pointing:	N26W77	Pitch=-435"	Yaw=-855"	Roll=0deg
88/12/25,10:03	Peak	10:03					H.Ang=79deg
GOES 10:01	Start	10:30	Importance=C4	Qual=01	MaxkeV=102	#Peaks=2	dt= 3.8s
HXRBS 10:01:26	Peak	10:01:55	Peak...c/s=61	Qual=01	FePeak.c/s=42	Step=10"	XEN=836005
BCS 09:57	Peak	10:03	CaPeak.c/s=179	Qual= 1	Rast=240"x240"	Cad= 590s	1.024s/pixel
FCS 10:26	Peak	10:17			Rast=180"x1"	Pitch=-301"	Yaw=-706"
UVSP 10:26	Peak	10:17	WaveLength=2788A				
Event # = 10012	DOY=360	End times	SMM Pointing:	N26W77	Pitch=-435"	Yaw=-855"	Roll=0deg
88/12/25,11:15	Peak	11:41					H.Ang=79deg
GOES 11:09	Start	11:41	Importance=M1	Qual=03	MaxkeV=144	Flags=FS	
HXRBS 11:11:31	Peak	11:15:46	Peak...c/s=132	Qual=01	FePeak.c/s=258	#Peaks=1	dt= 3.8s
BCS 11:12	Peak	11:14	CaPeak.c/s=887	Qual= 1	Rast=300"x240"	Cad= 328s	1.024s/pixel
FCS 11:01	Peak	11:48			Rast=180"x1"	Step=0"	Pitch=-300"
UVSP 11:01	Peak	11:48	WaveLength=2788A	Code=01			Yaw=-707"

Event # = 10013									
88/12/25, 14:25		DOY=360	SMM Pointing:		N26W77	Pitch=-435", Yaw=-855", Roll=0deg		H.Ang=79deg	
GOES		Start	End times	Peak	Qual=00				
HXRBS		14:25:45	14:25:50	14:26:15	Peak...c/s=113	Tot Cts=662	MaxkeV=230		
UVSP		14:09			Wavelength=2788A	Exp #=81190	Rast=180"x1"	Step=0"	Pitch=-300", Yaw=-712"
Event # = 10015									
88/12/25, 19:07		DOY=360	SMM Pointing:		N26W80	Pitch=-433", Yaw=-865", Roll=0deg		H.Ang=82deg	
Optical		Start	End times	Peak	Qual=00				
GOES		19:00	19:07	19:20	Ha...Class=SF	AR5278	Mac.=DSO	Carr.Lon.=277deg	H.Ang=89deg
HXRBS		19:04:18	19:06:16	19:07:01	Importance=C6		MaxkeV=144		
BCS		19:03	19:06	19:23	Peak...c/s=215	Tot Cts=3077	FePeak.c/s=66	#Peaks=1	dt= 3.8s
FCS					CaPeak.c/s=284	FePeak=19:06	Rast=300"x240"	Cad= 328s	XEN=836007
UVSP		19:02			Wavelength=1375A	Exp #=81198	Rast=10"x10"	Step=0"	Pitch=-418", Yaw=-883"
					Associated	Event # = 10014			
HXRBS		19:02:32	19:02:39	19:02:58	Peak...c/s=107	Tot Cts=460	MaxkeV=102		
UVSP		19:01			Wavelength=1375A	Exp #=81197	Rast=150"x150"	Step=10"	Pitch=-418", Yaw=-883"
Event # = 10016									
88/12/25, 22:02		DOY=360	SMM Pointing:		N26W80	Pitch=-433", Yaw=-865", Roll=0deg		H.Ang=82deg	
GOES		Start	End times	Peak	Qual=00				
HXRBS		22:02:09	22:02:20	22:02:25	Peak...c/s=63	Tot Cts=130	MaxkeV=102		
UVSP		22:07			Wavelength=1375A	Exp #=81207	Rast=265"x265"	Step=5"	Pitch=-425", Yaw=-894"
Event # = 10018									
88/12/25, 22:44		DOY=360	SMM Pointing:		N26W80	Pitch=-433", Yaw=-865", Roll=0deg		H.Ang=82deg	
Optical		Start	End times	Peak	Qual=00				
GOES		22:25	22:44	23:05	Ha...Class=SN	AR5292	Mac.=DAO	Carr.Lon.=151deg	H.Ang=38deg
HXRBS		22:31:52	22:34:47	22:39:00	Importance=C8		MaxkeV=102		
UVSP		22:28			Peak...c/s=99	Tot Cts=7383	Rast=110"x200"	Step=5"	Pitch=-447", Yaw=-923"
					Wavelength=1375A	Exp #=81210			
					Associated	Event # = 10017			
HXRBS		22:24:06	22:25:15	22:27:28	Peak...c/s=64	Tot Cts=1315	MaxkeV=102		
UVSP		22:09			Wavelength=1375A	Exp #=81208	Rast=110"x200"	Step=5"	Pitch=-367", Yaw=-922"
88/12/26 DOY=361									
88/12/26, 06:07		DOY=361	SMM Pointing:		N26W84	Pitch=-425", Yaw=-877", Roll=0deg		H.Ang=86deg	
GOES		Start	End times	Peak	Qual=00				
HXRBS		06:07:00	06:07:10	06:07:24	Peak...c/s=63	Tot Cts=181	MaxkeV=102		
UVSP		05:56			Wavelength=2788A	Exp #=81243	Rast=243"x243"	Step=3"	Pitch=-420", Yaw=-901"
Event # = 22121									
88/12/26, 07:31		DOY=361	SMM Pointing:		N26W84	Pitch=-425", Yaw=-877", Roll=0deg		H.Ang=86deg	
GOES		Start	End times	Peak	Qual=01				
HXRBS		07:27	07:31	07:44	Importance=C2	FePeak=07:30			
BCS		07:30	07:31	07:33	CaPeak.c/s=18	Exp #=81244			
FCS					Wavelength=2788A	Code=01			
UVSP		07:19							
</									

Event # = 10020									
88/12/26, 20:22	Start	End times	Peak	D0Y=361					
Optical	20:13	20:22	20:39	20:22	20:39	20:27:34	20:27:34	20:27:34	20:27:34
GOES	20:15:57	20:19:31	20:27:34	20:19:31	20:27:34	20:27:34	20:27:34	20:27:34	20:27:34
HXRBS	20:15:57	20:19:31	20:27:34	20:19:31	20:27:34	20:27:34	20:27:34	20:27:34	20:27:34
UVSP	20:13	20:22	20:39	20:22	20:39	20:27:34	20:27:34	20:27:34	20:27:34
Ha...Class=1B S20E20 AR5292 Mac.=DAO Carr. Lon.=156deg H.Ang=26deg									
Importance=M1 Qual=01									
Peak...c/s=126 Qual=01 Tot Cts=8783									
Wave length=1375A Code=00 Exp #=81267									
Step=0" Pitch=-438" ,Yaw=-873"									
Event # = 22122									
88/12/26, 23:34	Start	End times	Peak	D0Y=361					
GOES	23:22	23:34	23:58	23:34	23:58	23:43	23:43	23:43	23:43
BCS	23:26	23:34	23:43	23:34	23:43	23:43	23:43	23:43	23:43
FCS	23:26	23:34	23:43	23:34	23:43	23:43	23:43	23:43	23:43
UVSP	23:33	23:43	23:58	23:33	23:43	23:58	23:58	23:58	23:58
Radio Sweeps Type/Intensity: III/I									
FePeak.c/s=11 dt= 7.7s XEN=836101									
Rast=0"x0" Cad=1.02s 1.024s/pixel									
Step=0" Pitch=-433" ,Yaw=-878"									
Event # = 10021									
88/12/27, 01:17	Start	End times	Peak	D0Y=362					
GOES	01:16:36	01:17:27	01:19:32	01:16:36	01:17:27	01:19:32	01:19:32	01:19:32	01:19:32
HXRBS	01:16:36	01:17:27	01:19:32	01:16:36	01:17:27	01:19:32	01:19:32	01:19:32	01:19:32
UVSP	01:07	01:17:27	01:19:32	01:07	01:17:27	01:19:32	01:19:32	01:19:32	01:19:32
Qual=00									
Peak...c/s=76 Qual=01									
Wave length=1375A									
Tot Cts=2054									
Exp #=81292									
Step=0" Pitch=-433" ,Yaw=-878"									
Event # = 10024									
88/12/27, 02:48	Start	End times	Peak	D0Y=362					
GOES	02:47:00	02:48:04	02:49:17	02:47:00	02:48:04	02:49:17	02:49:17	02:49:17	02:49:17
HXRBS	02:47:00	02:48:04	02:49:17	02:47:00	02:48:04	02:49:17	02:49:17	02:49:17	02:49:17
UVSP	02:42	02:48:04	02:49:17	02:42	02:48:04	02:49:17	02:49:17	02:49:17	02:49:17
Qual=00									
Peak...c/s=62 Qual=01									
Wave length=1375A									
Tot Cts=1003									
Exp #=81301									
Step=0" Pitch=-433" ,Yaw=-878"									
Event # = 10025									
88/12/27, 03:11	Start	End times	Peak	D0Y=362					
GOES	03:08	03:11	04:15	03:08	03:11	04:15	04:15	04:15	04:15
HXRBS	02:57:40	02:58:43	03:01:46	02:57:40	02:58:43	03:01:46	03:01:46	03:01:46	03:01:46
UVSP	02:55	02:58:43	03:01:46	02:55	02:58:43	03:01:46	03:01:46	03:01:46	03:01:46
Importance=C6 Qual=02									
Peak...c/s=65 Qual=01									
Wave length=1375A Code=01									
Tot Cts=2006									
Exp #=81303									
Step=0" Pitch=-433" ,Yaw=-878"									
Event # = 10026									
88/12/27, 05:33	Start	End times	Peak	D0Y=362					
Optical	05:21	05:33	05:43	05:21	05:33	05:43	05:43	05:43	05:43
GOES	05:20:52	05:23:00	05:23:07	05:20:52	05:23:00	05:23:07	05:23:07	05:23:07	05:23:07
HXRBS	05:20:52	05:23:00	05:23:07	05:20:52	05:23:00	05:23:07	05:23:07	05:23:07	05:23:07
BCS	05:31	05:32	05:34	05:31	05:32	05:34	05:34	05:34	05:34
FCS	05:31	05:32	05:34	05:31	05:32	05:34	05:34	05:34	05:34
UVSP	05:20	05:32	05:43	05:20	05:32	05:43	05:43	05:43	05:43
Radio Sweeps Type/Intensity: II/2 III/3									
Frequency(MHz)/Flux(sfu): 245/226 410/110 606/140 2695/93 8800/96 15400/44									
Associated Event # = 10027									
Qual=11 Tot Cts=7215									
Step=3" Pitch=-420" ,Yaw=-901"									
Flags=M1,DG									
MaxkeV=230									



Event # = 10028																
88/12/27,07:36	Start	Peak	DOY=362													
GOES	07:12	07:36	09:11	End times												
HXRBS	07:03:06	07:10:50	07:36:29	Importance=M2	Qual=03											
BCS	07:04	07:30	07:45	Peak...c/s=322	Qual=11											
FCS				CaPeak.c/s=1775	Qual= 1											
UVSP	07:41			Wavelength=2788A	Code=02											
Radio Sweeps	Type/Intensity:			11/3	11/3											
Radio	Frequency(MHz)/Flux(sfu):			245/93	410/17	606/55	2695/66	4995/74	8800/48 15400/19							
Tot Cts=1.35E+5 MaxkeV=187 FePeak.c/s=683 dt= 7.7s XEN=836201																
Rast=240"x240" Cad= 590s 1.024s/pixel #Peaks=2 Step=10" Pitch=-293" ,Yaw=-729"																
Rast=180"x1" Exp #=81315 Flags=M1,DG																
Carr. Lon.=151deg H.Ang=22deg																
#Peaks=1 dt= 3.8s XEN=836202																
Step=15" Cad= 328s 1.024s/pixel																
Step=0" Pitch=-293" ,Yaw=-729"																
Event # = 22123																
88/12/27,08:23	Start	Peak	DOY=362													
Optical	Type/Intensity:			11/3	11/3											
BCS	08:23	08:23	09:19	End times												
FCS				Ha...Class=SN	S16E18	AR5292										
UVSP	08:17			CaPeak.c/s=265	Qual= 5	FePeak=08:23										
Wavelength=2788A Exp #=81316																
Mac.=EKI Carr. Lon.=207deg H.Ang=44deg																
FePeak.c/s=14 dt= 3.8s XEN=836202																
Rast=300"x240" Cad= 328s 1.024s/pixel																
Step=0" Pitch=-293" ,Yaw=-729"																
Event # = 10022																
88/12/27,08:39	Start	Peak	DOY=362													
Optical	Type/Intensity:			11/3	11/3											
GOES	08:39:03	08:39:43	08:40:31	End times												
HXRBS	08:17			Ha...Class=SN	N20W38	AR5285										
UVSP	08:17			Peak...c/s=113	Qual=00	MaxkeV=102										
Radio Sweeps	Wavelength=2788A			11/3	11/3											
Radio	Frequency(MHz)/Flux(sfu):			245/330	606/3	2695/38										
Tot Cts=1645 Exp #=81316																
Step=0" Pitch=-293" ,Yaw=-729"																
Event # = 10023																
88/12/27,08:43	Start	Peak	DOY=362													
Optical	Type/Intensity:			11/3	11/3											
GOES	08:42:51	08:43:48	08:44:19	End times												
HXRBS	08:17			Ha...Class=SN	N20W38	AR5285										
UVSP	08:17			Peak...c/s=83	Qual=01	MaxkeV=102										
Radio Sweeps	Wavelength=2788A			11/3	11/3											
Radio	Frequency(MHz)/Flux(sfu):			245/90	245/90											
Tot Cts=891 Exp #=81316																
Step=0" Pitch=-293" ,Yaw=-729"																
Event # = 22124																
88/12/27,09:58	Start	Peak	DOY=362													
GOES	09:57	09:58	10:42	End times												
BCS	09:57	09:58	10:42	End times												
FCS				Ha...Class=SB	S19E13	AR5292										
UVSP	09:50			Importance=C8	Qual=02	MaxkeV=144										
Wavelength=2788A Exp #=81318																
FePeak=09:58																
Rast=0"x0" Cad=1.02s 1.024s/pixel																
Step=0" Pitch=-293" ,Yaw=-729"																
Event # = 10029																
88/12/27,10:54	Start	Peak	DOY=362													
Optical	Type/Intensity:			11/3	11/3											
GOES	10:50	10:54	11:00	End times												
HXRBS	10:51:01	10:51:41	10:52:00	End times												
UVSP	10:48			Ha...Class=SB	S19E13	AR5292										
Wavelength=2788A Exp #=81319																
FePeak=09:58																
Rast=180"x1" Cad=1.02s 1.024s/pixel																
Step=0" Pitch=-293" ,Yaw=-729"																

Event # = 10030  
88/12/27, 13:55 DOY=362  
Start Peak End times  
Optical 13:50 13:55 14:05  
GOES 13:50:54 13:51:24 13:55:21  
HXRBS 13:52 13:55 14:00  
BCS 13:52 13:55 14:00  
FCS 13:52 13:55 14:00  
UVSP 13:56  
Radio Frequency(MHz)/Flux(sfu): 8800/62

Ha...Class=SF  
Importance=C5  
Peak...c/s=450  
CaPeak.c/s=37  
Wavelength=2788A  
Code=02  
Exp #=81323  
N20W39  
Qual=03  
Qual=11  
Qual=1  
AR5285  
Tot Cts=8571  
FePeak=13:53  
Mac.=EH0  
MaxkeV=230  
FePeak.c/s=9  
Rast=0"x0"  
Rast=180"x1"  
Carr. Lon.=205deg  
Flags=M1,DG  
#Peaks=1  
dt= 7.7s  
XEN=836204  
Cad=1.02s  
1.024s/pixel  
Step=0"  
Pitch=0"  
Pitch=-293", Yaw=-729"

Event # = 10031  
88/12/28, 00:54 DOY=363  
Start Peak End times  
Optical 00:54 00:54 00:54  
GOES 00:24 00:54 02:36  
HXRBS 00:23:42 00:28:20 00:55:26  
BCS 00:12 00:50 00:56  
FCS 00:47  
UVSP 00:47  
Radio Sweeps  
Radio Frequency(MHz)/Flux(sfu): 2695/140 15400/41  
Type/Intensity:  
11/2 111/2  
Associated Event # = 22125  
Qual= 5  
FePeak=00:56  
BCS 00:56 00:56 00:57  
Radio Sweeps  
Radio Frequency(MHz)/Flux(sfu): 410/300 606/410  
Type/Intensity:  
IV/1  
Associated Event # = 22126  
Qual= 5  
FePeak=01:36  
BCS 01:34 01:35 02:30  
FCS 01:37  
UVSP 01:37

Ha...Class=1N  
Ha...Class=SF  
Importance=M2  
Peak...c/s=389  
CaPeak.c/s=937  
Wavelength=1375A  
Code=00  
Exp #=81354  
S17E06  
S18E08  
N17E06  
Qual=03  
Qual=13  
Qual= 2  
AR5292  
AR5296  
Tot Cts=24295  
FePeak=00:32  
Mac.=EAI  
MaxkeV=144  
FePeak.c/s=229  
Rast=240"x240"  
Rast=10"x10"  
Carr. Lon.=152deg  
Carr. Lon.=154deg  
Flags=M1,EN,DG  
#Peaks=1  
dt= 7.7s  
XEN=836300  
Cad= 590s  
1.024s/pixel  
Step=0"  
Pitch=0"  
Pitch=+176", Yaw=-214"

Event # = 22127  
88/12/28, 03:08 DOY=363  
Start Peak End times  
GOES 03:07 03:08 04:03  
BCS 03:07 03:08 04:03  
FCS 03:09  
UVSP 03:09

Qual=00  
Qual= 5  
FePeak=03:10  
Exp #=81364  
CaPeak.c/s=32  
Wavelength=1375A  
Mac.=DA0  
MaxkeV=102  
Rast=180"x1"  
Carr. Lon.=125deg  
H. Ang=14deg  
H. Ang=34deg  
Pitch=+251", Yaw=+75"

Event # = 10032  
88/12/28, 08:48 DOY=363  
Start Peak End times  
Optical 08:48 08:48 09:16  
GOES 08:25 08:48 09:16  
HXRBS 08:25:33 08:27:41 08:29:39  
UVSP 08:39

Ha...Class=1F  
Importance=M1  
Peak...c/s=60  
Wavelength=2788A  
Code=01  
Exp #=81378  
S17E02  
S17E31  
Qual=02  
Qual=01  
AR5297  
Tot Cts=2022  
FePeak=01:36  
Mac.=DA0  
MaxkeV=102  
Rast=180"x1"  
Carr. Lon.=125deg  
H. Ang=14deg  
H. Ang=34deg  
Pitch=+251", Yaw=+75"

Event # = 22128		DOY=363		End times		Carr. Lon.=158deg		H. Ang=18deg	
88/12/28, 10:17		Peak							
Optical									
GOES									
BCS	10:09	10:17		10:18		FePeak.c/s=14		#Peaks=1	
FCS						Rast=300"x240"		dt= 3.8s	
UVSP	10:13					Rast=180"x1"		Cad= 328s	
						WaveLength=2788A		Step=0"	
								Pitch=+123", Yaw=+181"	
Event # = 22129		DOY=363		End times					
88/12/28, 10:57		Peak							
Optical									
GOES									
BCS	10:56	10:57		11:35		FePeak.c/s=8		#Peaks=1	
FCS						Rast=0"x0"		dt= 7.7s	
UVSP	10:50					Rast=180"x1"		Cad=1.02s	
						WaveLength=2788A		Step=0"	
								Pitch=+123", Yaw=+176"	
Event # = 10033		DOY=363		End times					
88/12/28, 12:27		Peak							
Optical									
GOES	12:17	12:27		12:39		SMM Pointing:		H. Ang=14deg	
HXRBS	12:27:40	12:28:17		12:28:56		Ha...Class=1B		Carr. Lon.=204deg	
UVSP	12:22					Importance=M2		H. Ang=54deg	
Radio	Frequency(MHz)/Flux(sfu): 2695/130 8800/1400 15400/1500					Peak...c/s=56		Flags=I	
						WaveLength=2788A		Step=0"	
								Pitch=+123", Yaw=+161"	
Event # = 11104		DOY=363		End times					
88/12/28, 18:48		Peak							
Optical									
GOES	18:42	18:48		19:10		SMM Pointing:		H. Ang=15deg	
HXRBS	18:43:17	18:44:24		18:53:42		Ha...Class=1N		Carr. Lon.=126deg	
UVSP	18:37					Importance=M1		H. Ang=28deg	
						Peak...c/s=214		Flags=I	
						WaveLength=2788A		Step=0"	
								Pitch=+121", Yaw=+104"	
Event # = 22130		DOY=363		End times					
88/12/28, 20:34		Peak							
Optical									
GOES	20:34	20:34		20:36		Mac.=DAO		#Peaks=1	
BCS						FePeak.c/s=8		dt= 7.7s	
FCS						Rast=115"x115"		Cad=1083s	
UVSP	20:23					Rast=243"x243"		Step=5"	
						WaveLength=2788A		Pitch=+249", Yaw=-84"	
Event # = 22131		DOY=363		End times					
88/12/28, 20:58		Peak							
Optical									
GOES	20:51	20:58		21:06		Mac.=CR0		Carr. Lon.=188deg	
BCS	20:53	20:53		20:54		S11W39		#Peaks=1	
FCS						Qual=04		dt= 7.7s	
UVSP	20:23					Qual=2		Cad=1083s	
						WaveLength=2788A		Step=5"	
								Pitch=+249", Yaw=-84"	



Event # = 10041									
88/12/29, 18:27	Start	DOY=364	Peak	SMM Pointing:					
Optical				Ha...Class=1N	S15E12			Pitch=+208", Yaw=+190", Roll=0deg	H.Ang=17deg
GOES	18:25	18:27	18:31	Importance=C4	N21W69	AR5285		Mac.=EKO	Carr.Lon.=206deg
HXRBS	18:25:42	18:25:51	18:26:45	Peak...c/s=56	Qual=01			MaxkeV=102	H.Ang=72deg
UVSP	18:03			Wavelength=2788A	Qual=01	Tot Cts=301		Rast=180"x1"	Step=0"
						Exp #=81467		Pitch=+87", Yaw=+377"	
						Associated Event # = 10040			
HXRBS	18:21:41	18:22:05	18:22:32	Peak...c/s=50	Qual=01	Tot Cts=215		MaxkeV=102	
88/12/30 DOY=365									
Event # = 22132									
88/12/30, 06:33	Start	DOY=365	Peak	SMM Pointing:					
Optical				Ha...Class=SF	S17E06	AR5297		Mac.=DAI	Carr.Lon.=125deg
GOES	06:25	06:33	06:43	Importance=C3	Qual=05			FePeak.c/s=8	H.Ang=15deg
BCS	06:39	06:39	06:48	CaPeak.c/s=47	Qual=5	FePeak=06:39		dt= 3.8s	XEN=836500
FCS								Rast=300"x240"	Cad= 328s
UVSP	06:41			Wavelength=1375A	Code=02	Exp #=81520		Step=5"	Pitch=+214", Yaw=+88"
Event # = 22133									
88/12/30, 16:19	Start	DOY=365	Peak	SMM Pointing:					
Optical				Ha...Class=SF	S18W30			Pitch=+257", Yaw=-464", Roll=0deg	H.Ang=33deg
GOES	16:18	16:19	16:50	CaPeak.c/s=25	Qual=00	FePeak=16:18		Mac.=EKO	Carr.Lon.=206deg
BCS								MaxkeV=144	H.Ang=83deg
FCS								Rast=180"x1"	Step=0"
UVSP	15:54			Wavelength=2788A	Code=02	Exp #=81539		Step=0"	Pitch=+140", Yaw=-311"
Event # = 10045									
88/12/30, 16:52	Start	DOY=365	Peak	SMM Pointing:					
Optical				Ha...Class=SF	S18W31			Pitch=+261", Yaw=-476", Roll=0deg	H.Ang=34deg
GOES	16:49	16:52	16:54	Importance=C2	N21W81	AR5285		Mac.=EKO	Carr.Lon.=154deg
HXRBS	16:50:12	16:51:00	16:52:58	Peak...c/s=178	Qual=01			MaxkeV=102	H.Ang=33deg
UVSP	16:52			Wavelength=2788A	Code=02	Tot Cts=3214		Rast=180"x1"	Step=0"
						Exp #=81540		Step=0"	Pitch=+140", Yaw=-311"
Event # = 10046									
88/12/30, 18:19	Start	DOY=365	Peak	SMM Pointing:					
Optical				Ha...Class=38	S19W30	AR5292		Mac.=EAI	Carr.Lon.=154deg
GOES	18:02	18:19	19:00	Importance=X1	Qual=05			MaxkeV=102	H.Ang=33deg
HXRBS	18:27:13	18:27:13	18:28:37	Peak...c/s=51	Qual=02	Tot Cts=307		FePeak.c/s=462	Flags=SA
BCS	18:27	18:28	18:29	CaPeak.c/s=3369	Qual=5	FePeak=18:28		Rast=300"x240"	dt= 3.8s
FCS								Step=15"	XEN=836502
UVSP	18:26			Wavelength=2788A	Code=02	Exp #=81542		Pitch=+140", Yaw=-323"	Cad= 328s
Radio	Frequency(MHz)/Flux(sfu):	2695/220	4995/580	8800/590	15400/250			Rast=180"x1"	Step=0"
						Associated Event # = 22134		FePeak.c/s=44	
BCS	18:29	18:29	18:30	CaPeak.c/s=149	Qual=5	FePeak=18:29		Rast=300"x240"	dt= 3.8s
FCS								Step=15"	XEN=836503
								Step=15"	Cad= 328s
								FePeak.c/s=7	
BCS	19:08	19:08	20:04	CaPeak.c/s=93	Qual=5	FePeak=19:08		dt= 3.8s	XEN=836504
FCS								Step=10"	Cad= 332s
UVSP	19:01			Wavelength=2788A	Code=02	Exp #=81543		Pitch=+140", Yaw=-328"	

Event # = 22136									
88/12/30	23:07	DOY=365	Peak	End times					
Optical									
GOES	22:58	23:07		23:14	Ha...Class=SF	S21W34	AR5292	Mac.=EAI	Carr.Lon.=155deg H.Ang=38deg
BCS	22:55	23:01		23:11	Importance=C3	Qual=01		FePeak.c/s=23	#Peaks=1 dt= 3.8s XEN=836505
FCS					CaPeak.c/s=112	Qual= 1		Rast=180"x180"	Cad= 332s 1.024s/pixel
UVSP	23:01				Wavelength=1375A	Code=00	Exp #=81560	Rast=10"x10"	Pitch=0" Pitch=+271",Yaw=-548"
88/12/31 DOY=366									
Event # = 10042									
88/12/31	00:37	DOY=366	Peak	SMM Pointing:				Pitch=+262",Yaw=-527",Roll=0deg	H.Ang=37deg
GOES	00:33	00:37		00:40	Importance=C3	Qual=01			
HXRBS	00:34:16	00:34:32		00:35:19	Peak...C/s=69	Qual=01	Tot Cts=664	MaxkeV=102	
UVSP	00:35				Wavelength=1375A	Code=00	Exp #=81569	Rast=10"x10"	Step=0" Pitch=+286",Yaw=-550"
Event # = 10043									
88/12/31	08:17	DOY=366	Peak	SMM Pointing:				Pitch=-561",Yaw=-209",Roll=90deg	H.Ang=38deg
Optical					Ha...Class=SF	S15W36	AR5296	Mac.=DAI	Carr.Lon.=149deg H.Ang=38deg
GOES	08:12	08:17		08:22	Importance=C3	N16W33		MaxkeV=102	
HXRBS	08:14:24	08:14:45		08:14:57	Peak...C/s=60	Qual=01	Tot Cts=251	Rast=243"x243"	Step=3" Pitch=-549",Yaw=-210"
UVSP	07:58				Wavelength=2788A	Code=00	Exp #=81606		
Event # = 22137									
88/12/31	12:17	DOY=366	Peak	End times				Mac.=EAI	Carr.Lon.=156deg H.Ang=43deg
Optical					Ha...Class=SF	S16W42	AR5292	FePeak.c/s=8	dt= 7.7s XEN=836600
GOES	11:36	12:17		12:32	Importance=C2	Qual=05		Rast=0"x0"	Cad=1.02s 1.024s/pixel
BCS	12:18	12:19		12:59	CaPeak.c/s=44	Qual= 5	FePeak=12:19	Rast=180"x1"	Pitch=+145",Yaw=-455"
FCS					Wavelength=2788A	Code=00	Exp #=81611		
UVSP	12:11								
Event # = 10044									
88/12/31	14:01	DOY=366	Peak	SMM Pointing:				Pitch=+266",Yaw=-612",Roll=0deg	H.Ang=43deg
Optical					Ha...Class=SF	S18W41	AR5296	Mac.=DAI	Carr.Lon.=149deg H.Ang=40deg
GOES	13:57	14:01		14:04	Importance=C6	N16W36		MaxkeV=102	
HXRBS	13:57:41	13:58:27		13:59:07	Peak...C/s=109	Qual=01	Tot Cts=1959	Rast=180"x1"	Step=0" Pitch=+144",Yaw=-466"
UVSP	13:46				Wavelength=2788A	Code=01	Exp #=81613		

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13. ABSTRACT (Maximum 200 words)  This document contains information on solar burst and transient activity observed by the Solar Maximum Mission (SMM) during 1988 pointed observations. Data from the following SMM experiments are included: 1) Gamma Ray Spectrometer, 2) Hard X-Ray Burst Spectrometer, 3) Flat Crystal Spectrometer, 4) Bent Crystal Spectrometer, 5) Ultraviolet Spectrometer Polarimeter, and 6) Coronagraph/Polarimeter. Correlative optical, radio, and Geostationary Operational Environmental Satellite (GOES) X-ray data are also presented. Where possible, bursts or transients observed in the various wavelengths were grouped into discrete flare events identified by unique event numbers. Each event carries a qualifier denoting the quality or completeness of the observations. Spacecraft pointing coordinates and flare site angular displacement values from sun center are also included.				
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